

Table S1 - Terms used in the bibliographic research. The terms were combined only among sets, according to the rule Set1+Set2+Set3 (e.g. GM + plant + allergen, GM + plant + animal), in all possible combinations.

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**Set 1**

GM, genetically modified, genetically engineered

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**Set 2**

plant, crop, organism, seed, food, feed

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**Set3**

allergen, animal, antibiotic, biodiversity, broiler, Bt, coexistence, comparison, composition, consumer, detection, digestibility, gene flow, hazard, health, herbicide, horizontal gene transfer, human, intended, labelling, legislation, non-target, omic, pest, policy, processing, quantification, rodent, regulation, risk, safety, sampling, soil, equivalence, target, test, toxicity, traceability, unintended, weed, wild relatives

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Category	Authors	Year	Title	Journal	Volume	Pages	DOI
General	Anklam E, Heinze P, Kay S, Van den Eede G, Popping B	2002	Validation studies and proficiency testing Potential for the environmental impact of transgenic crops	Journal of AOAC International	85	809-815	
General	Dale P.J., Clarke B, Fontes EMG	2002	Experience with environmental issues in GM crop production and the likely future scenarios	Nature Biotechnology	20	567-574	<a href="http://dx.doi.org/10.1038/nbt0602-567">http://dx.doi.org/10.1038/nbt0602-567</a>
General	Gaugitsch H	2002	Experience with environmental issues in GM crop production and the likely future scenarios	Toxicology Letters	127	351-357	
General	Helmut G	2002	Experience with environmental issues in GM crop production and the likely future scenarios	Toxicology Letters	127	351-357	<a href="http://dx.doi.org/10.1016/s0378-4274(01)00519-7">http://dx.doi.org/10.1016/s0378-4274(01)00519-7</a>
General	Hötzel MJ	2002	Industry scientists look for benefits, not risks	Nature	419		<a href="http://dx.doi.org/10.1038/419111b">http://dx.doi.org/10.1038/419111b</a>
General	Huang J, Rozelle S, Pray C, Wang Q	2002	Plant biotechnology in China	Science	295	674-676	
General	Keith T A	2002	Safety assessment of genetically modified crops	Toxicology	181-182	421-426	<a href="http://dx.doi.org/10.1016/s0300-483x(02)00485-7">http://dx.doi.org/10.1016/s0300-483x(02)00485-7</a>
General	Koivisto RA, Törmäkangas KM, Kauppinen VS	2002	Hazard identification and risk assessment procedure for genetically modified plants in the field—GMHAZID	Environmental Science and Pollution Research	9	110-116	<a href="http://dx.doi.org/10.1007/bf02987457">http://dx.doi.org/10.1007/bf02987457</a>
General	Lack G	2002	Clinical risk assessment of GM foods	Toxicology Letters	127	337-340	
General	Lessick M, Keithley J, Swanson B, Lemon B	2002	Genetically modified foods: a taste of the future	Med surg nursing: official journal of the Academy of Medical-Surgical Nurses	11	242-246	
General	Magnusson MK, Koivisto Hursti U-K	2002	Consumer attitudes towards genetically modified foods	Appetite	39	Sep-24	
General	Marvier M	2002	IMPROVING RISK ASSESSMENT FOR NONTARGET SAFETY OF TRANSGENIC CROPS	Ecological Applications	12	1119-1124	<a href="http://dx.doi.org/10.1890/1051-0761(2002)012[1119:irafms]2.0.co;2">http://dx.doi.org/10.1890/1051-0761(2002)012[1119:irafms]2.0.co;2</a>
General	Pray CE, Huang J, Hu R, Rozelle S	2002	Five years of Bt cotton in China - the benefits continue	Plant J	31	423-430	
General	Rowland IR	2002	Genetically modified foods, science, consumers and the media	The Proceedings of the Nutrition Society	61	25-29	
General	Schiller B, Constable A	2002	Regulatory control of genetically modified (GM) foods: likely developments	Toxicology Letters	127	341-349	
General	Shelton AM, Zhao JZ, Roush RT	2002	ECONOMIC, ECOLOGICAL, FOOD SAFETY, AND SOCIAL CONSEQUENCES OF THE DEPLOYMENT OF BT TRANSGENIC PLANTS	Annual Review of Entomology	47	845-881	<a href="http://dx.doi.org/10.1146/annurev.ento.47.091201.145309">http://dx.doi.org/10.1146/annurev.ento.47.091201.145309</a>
General	Brown JL, Ping Y	2003	Consumer perception of risk associated with eating genetically engineered soybeans is less in the presence of a perceived consumer benefit	Journal of the American Dietetic Association	103	208-214	<a href="http://dx.doi.org/10.1053/jada.2003.50029">http://dx.doi.org/10.1053/jada.2003.50029</a>
General	Conner AJ, Glare TR, Nap JP	2003	The release of genetically modified crops into the environment	Plant Journal	33	19-46	<a href="http://dx.doi.org/10.1046/j.0960-7412.2002.001607.x">http://dx.doi.org/10.1046/j.0960-7412.2002.001607.x</a>
General	Frewer LJ, Scholderer J, Bredahl L	2003	Communicating about the risks and benefits of genetically modified foods: the mediating role of trust	Risk analysis: an official publication of the Society for Risk Analysis	23	1117-1133	
General	Gewin V	2003	Genetically Modified Corn— Environmental Benefits and Risks	PLOS Biology	1		<a href="http://dx.doi.org/10.1371/journal.pbio.0000008">http://dx.doi.org/10.1371/journal.pbio.0000008</a>
General	Hancock JF	2003	A Framework for Assessing the Risk of Transgenic Crops	BioScience	53	512-519	<a href="http://dx.doi.org/10.1641/0006-3568(2003)053[0512:affair]2.0.co;2">http://dx.doi.org/10.1641/0006-3568(2003)053[0512:affair]2.0.co;2</a>
General	Nap JP, Metz PLJ, Escaler M, Conner AJ	2003	The release of genetically modified crops into the environment	Plant Journal	33	Jan-18	<a href="http://dx.doi.org/10.1046/j.0960-7412.2003.01602.x">http://dx.doi.org/10.1046/j.0960-7412.2003.01602.x</a>
General	Qaim M, Zilberman D	2003	Yield effects of genetically modified crops in developing countries	Science	299	900-902	
General	Wilkinson MJ, Sweet J, Poppy GM	2003	Risk assessment of GM plants: avoiding gridlock?	Trends in Plant Science	8	208-212	<a href="http://dx.doi.org/10.1016/s1360-1385(03)00057-8">http://dx.doi.org/10.1016/s1360-1385(03)00057-8</a>
General	Andow DA, Hilbeck A	2004	Science-Based Risk Assessment for Nontarget Effects of Transgenic Crops	BioScience	54	637-649	

General	Frewer L, Lassen J, Kettlitz B, Scholderer J, Beekman V, Berdal KG	2004	Societal aspects of genetically modified foods	Food and Chemical Toxicology	42	1181-1193	<a href="http://dx.doi.org/10.1016/j.fct.2004.02.002">http://dx.doi.org/10.1016/j.fct.2004.02.002</a>
General	Gaskell G, Allum N, Wagner W, Kronberger N, Torgersen H, Hampel J, Bardes J	2004	GM foods and the misperception of risk perception	Risk analysis: an official publication of the Society for Risk Analysis	24	185-194	<a href="http://dx.doi.org/10.1111/j.0272-4332.2004.00421.x">http://dx.doi.org/10.1111/j.0272-4332.2004.00421.x</a>
General	Goodyear KL, on behalf of the Defra Antimicrobial Resistance Coordination G	2004	Comment on: An assessment of the risks associated with the use of antibiotic resistance genes in genetically modified plants: report of the Working Party of the British Society for Antimicrobial Chemotherapy	Journal of Antimicrobial Chemotherapy	54		<a href="http://dx.doi.org/10.1093/jac/dkh419">http://dx.doi.org/10.1093/jac/dkh419</a>
General	Heinemann JA, Sparrow AD, Traavik T	2004	Is confidence in the monitoring of GE foods justified?	Trends in Biotechnology	22	331-336	<a href="http://dx.doi.org/10.1016/j.tibtech.2004.05.002">http://dx.doi.org/10.1016/j.tibtech.2004.05.002</a>
General	Ilisi	2004	Nutritional and Safety Assessments of Foods and Feeds Nutritionally Improved through Biotechnology	CRFSFS	3	36-104	
General	Jaffe G	2004	Regulating Transgenic Crops: A Comparative Analysis of Different Regulatory Processes	Transgenic Research	13	May-19	<a href="http://dx.doi.org/10.1023/B:TRAG.0000017198.80801.fb">http://dx.doi.org/10.1023/B:TRAG.0000017198.80801.fb</a>
General	König A, Cockburn A, Crevel RWR, Debruyne E, Grafstroem R, Hammerling U, Kimber I, Knudsen I, Kuijper HA, Peijnenburg AACM, Penninks AH, Poulsen M, Schauzu M, Wal JM	2004	Assessment of the safety of foods derived from genetically modified (GM) crops	Food and Chemical Toxicology	42	1047-1088	<a href="http://dx.doi.org/10.1016/j.fct.2004.02.019">http://dx.doi.org/10.1016/j.fct.2004.02.019</a>
General	Kuijper HA, König A, Kleter GA, Hammes WP, Knudsen I	2004	Concluding remarks	Food and Chemical Toxicology	42	1195-1202	<a href="http://dx.doi.org/10.1016/j.fct.2004.02.004">http://dx.doi.org/10.1016/j.fct.2004.02.004</a>
General	Pilson D, Prendeville HR	2004	ECOLOGICAL EFFECTS OF TRANSGENIC CROPS AND THE ESCAPE OF TRANSGENES INTO WILD POPULATIONS	Annual Review of Ecology, Evolution, and Systematics	35	149-174	<a href="http://dx.doi.org/10.1146/annurev.ecolsys.34.011802.132406">http://dx.doi.org/10.1146/annurev.ecolsys.34.011802.132406</a>
General	Celec P, Kukučková M, Renczsová V, Natarajan S, Pálffy R, Gardlík R, Hodosy J, Behuliak M, Vlková B, Minárik G, Szemes T, Stuchlík S, Turňa J	2005	Biological and biomedical aspects of genetically modified food	Biomedicine & Pharmacotherapy	59	531-540	<a href="http://dx.doi.org/10.1016/j.biopha.2005.07.013">http://dx.doi.org/10.1016/j.biopha.2005.07.013</a>
General	Cleveland DA, Soleri D	2005	Rethinking the Risk Management Process for Genetically Engineered Crop Varieties in Small-scale, Traditionally Based Agriculture	Ecology and Society	10		
General	Goldstein Da, Tinland B, Gilbertson La, Staub Jm, Bannon Ga, Goodman Re, McCoy Rl, Silvanovich A	2005	Human safety and genetically modified plants: a review of antibiotic resistance markers and future transformation selection technologies	Journal of Applied Microbiology	99	Jul-23	<a href="http://dx.doi.org/10.1111/j.1365-2672.2005.02595.x">http://dx.doi.org/10.1111/j.1365-2672.2005.02595.x</a>
General	John H	2005	Transgenes for tea?	Trends in Biotechnology	23	17-21	<a href="http://dx.doi.org/10.1016/j.tibtech.2004.11.004">http://dx.doi.org/10.1016/j.tibtech.2004.11.004</a>
General	Schmidt CW	2005	Genetically Modified Foods: Breeding Uncertainty	Environmental Health Perspectives	113	A526-A533	
General	Velkov VV, Medvinsky AB, Sokolov MS, Marchenko AI	2005	Will transgenic plants adversely affect the environment?	Journal of Biosciences	30	515-548	
General	Weil JH	2005	Are Genetically Modified Plants Useful and Safe?	IUBMB Life	57	311-314	<a href="http://dx.doi.org/10.1080/15216540500092252">http://dx.doi.org/10.1080/15216540500092252</a>
General	Alvarez-Morales A	2006	9th International Symposium on the Biosafety of Genetically Modified Organisms - Session IV: Identifying and defining hazards and potential consequences III: Concepts for problem formulation and non-target risk assessment	Environmental Biosafety Research	5	189-192	<a href="http://dx.doi.org/10.1051/embr:2007020">http://dx.doi.org/10.1051/embr:2007020</a>
General	Andow DA, Zwahten C	2006	Assessing environmental risks of transgenic plants	Ecology letters	9	196-214	

General	Bigler F	2006	9th International Symposium on the Biosafety of Genetically Modified Organisms. Session II: Identifying and defining hazards and potential consequences I: Concepts for problem formulation and non-target risk assessment	Environmental Biosafety Research	5	183-186	<a href="http://dx.doi.org/10.1051/embr:2007018">http://dx.doi.org/10.1051/embr:2007018</a>
General	Chapman MA, Burke JM	2006	Letting the gene out of the bottle: the population genetics of genetically modified crops	The New Phytologist	170	429-443	<a href="http://dx.doi.org/10.1111/j.1469-8137.2006.01710.x">http://dx.doi.org/10.1111/j.1469-8137.2006.01710.x</a>
General	Efsa	2006	Guidance document of the scientific panel on genetically modified organisms for the risk assessment of genetically modified plants and derived food and feed				
General	Efsa	2011	Guidance on the environmental risk assessment to genetically modified plants	EFSA Journal	8		<a href="http://dx.doi.org/doi:10.2903/j.efsa.2010.1879">http://dx.doi.org/doi:10.2903/j.efsa.2010.1879</a>
General	Frison EA, Smith IF, Johns T, Cherfas J, Eyzaguirre PB	2006	Agricultural biodiversity, nutrition, and health: making a difference to hunger and nutrition in the developing world	Food and Nutrition Bulletin	27	167-179	
General	Haslberger AG	2006	Need for an "Integrated Safety Assessment" of GMOs, Linking Food Safety and Environmental Considerations	J. Agric. Food Chem.	54	3173-3180	<a href="http://dx.doi.org/10.1021/jf0511650">http://dx.doi.org/10.1021/jf0511650</a>
General	Hill R, Sendashonga C	2006	Conservation Biology, Genetically Modified Organisms, and the Biosafety Protocol	Conservation Biology	20	1620-1625	<a href="http://dx.doi.org/10.1111/j.1523-1739.2006.00534.x">http://dx.doi.org/10.1111/j.1523-1739.2006.00534.x</a>
General	Huang J, Qiu H, Bai J, Pray C	2006	Awareness, acceptance of and willingness to buy genetically modified foods in Urban China	Appetite	46	144-151	<a href="http://dx.doi.org/10.1016/j.appet.2005.11.005">http://dx.doi.org/10.1016/j.appet.2005.11.005</a>
General	Lentini Z	2006	9th International Symposium on the Biosafety of Genetically Modified Organisms. Session V: Estimating likelihood and exposure	Environmental Biosafety Research	5	193-195	<a href="http://dx.doi.org/10.1051/embr:2007021">http://dx.doi.org/10.1051/embr:2007021</a>
General	Margulis C	2006	The Hazards of Genetically Engineered Foods	Environmental Health Perspectives	114	A146-A147	
General	McCammon SL	2006	9th International Symposium on the Biosafety of Genetically Modified Organisms. Session I: Biosafety research and risk assessment	Environmental Biosafety Research	5	177-182	<a href="http://dx.doi.org/10.1051/embr:2007017">http://dx.doi.org/10.1051/embr:2007017</a>
General	Quemada H	2006	9th International Symposium on the Biosafety of Genetically Modified Organisms. Session VI: Estimating likelihood and exposure, Part II	Environmental Biosafety Research	5	197-199	<a href="http://dx.doi.org/10.1051/embr:2007022">http://dx.doi.org/10.1051/embr:2007022</a>
General	Sanvido O, Widmer F, Winzeler M, Bigler F	2006	A framework for the design of general surveillance of genetically modified crops based on a concept for environmental post-market monitoring	Journal für Verbraucherschutz und Lebensmittelsicherheit	1	05-Oct	<a href="http://dx.doi.org/10.1007/s00003-006-0061-y">http://dx.doi.org/10.1007/s00003-006-0061-y</a>
General	Schiemann J	2006	9th International Symposium on the Biosafety of Genetically Modified Organisms. Session VII: Risk management and monitoring	Environmental Biosafety Research	5	201-203	<a href="http://dx.doi.org/10.1051/embr:2007023">http://dx.doi.org/10.1051/embr:2007023</a>
General	Schouten HJ, Jacobsen E	2006	Cisgenic plants are similar to traditionally bred plants	EMBO Reports	7	750-753	
General	Schouten HJ, Krens FA, Jacobsen E	2006	Cisgenic plants are similar to traditionally bred plants: International regulations for genetically modified organisms should be altered to exempt outcrossing	EMBO Reports	7	750-753	<a href="http://dx.doi.org/10.1038/sj.embor.7400769">http://dx.doi.org/10.1038/sj.embor.7400769</a>
General	Singh OV, Ghai S, Paul D, Jain RK	2006	Genetically modified crops: success, safety assessment, and public concern	Applied Microbiology and Biotechnology	71	598-607	<a href="http://dx.doi.org/10.1007/s00253-006-0449-8">http://dx.doi.org/10.1007/s00253-006-0449-8</a>
General	Barfoot GB, Peter	2007	Global Impact of Biotech Crops: Socio-Economic and Environmental Effects in the First Ten Years of Commercial Use				

General	Constable A, Jonas D, Cockburn A, Davi A, Edwards G, Hepburn P, Herouet-Gurichene C, Knowles M, Moseley B, Oberdorfer R, Samuels F	2007	History of safe use as applied to the safety assessment of novel foods and foods derived from genetically modified organisms	Food and Chemical Toxicology	45	2513-2525	<a href="http://dx.doi.org/10.1016/j.fct.2007.05.028">http://dx.doi.org/10.1016/j.fct.2007.05.028</a>
General	Febuhrantany J, Widayastuti TN, Iswarawanti DN	2007	Attitudes of agricultural scientists in Indonesia towards genetically modified foods	Asia Pacific Journal of Clinical Nutrition	16	375-380	
General	Fuchs M, Gonsalves D	2007	Safety of Virus-Resistant Transgenic Plants Two Decades After Their Introduction: Lessons from Realistic Field Risk Assessment Studies * regarding mycotoxin issues in international trade	Annual Review of Phytopathology	45	173-202	<a href="http://dx.doi.org/10.1146/annurev.phyto.45.062806.09444.34">http://dx.doi.org/10.1146/annurev.phyto.45.062806.09444.34</a>
General	Kendra DF, Dyer RB	2007	Opportunities for biotechnology and policy regarding mycotoxin issues in international trade	International Journal of Food Microbiology	119	147-151	<a href="http://dx.doi.org/10.1016/j.ijfoodmicro.2007.07.036">http://dx.doi.org/10.1016/j.ijfoodmicro.2007.07.036</a>
General	Nasiruddin KM, Nasim A	2007	Development of agrobiotechnology and biosafety regulations used to assess safety of genetically modified crops in Bangladesh	Journal of AOAC International	90	1508-1512	
General	Oeschger MP, Silva CE	2007	Genetically Modified Organisms in the United States: Implementation, Concerns, and Public Perception	Green Gene Technology	107	57-68	
General	Peterson M	2007	The precautionary principle should not be used as a basis for decision-making. Talking Point on the precautionary principle	EMBO Reports	8	305-308	<a href="http://dx.doi.org/10.1038/sj.embor.7400947">http://dx.doi.org/10.1038/sj.embor.7400947</a>
General	Ramessar K, Peremarti A, Gómez-Galera S, Naqvi S, Moralejo M, Muñoz P, Capell T, Christou P	2007	Biosafety and risk assessment framework for selectable marker genes in transgenic crop plants: a case of the science not supporting the politics	Transgenic Research	16	261-280	<a href="http://dx.doi.org/10.1007/s11248-007-9083-1">http://dx.doi.org/10.1007/s11248-007-9083-1</a>
General	Raybould A	2007	Ecological versus ecotoxicological methods for assessing the environmental risks of transgenic crops	Plant Science	173	589-602	<a href="http://dx.doi.org/10.1016/j.plantsci.2007.09.003">http://dx.doi.org/10.1016/j.plantsci.2007.09.003</a>
General	Raybould A	2007	Problem formulation and hypothesis testing for environmental risk assessments of genetically modified crops	Environmental Biosafety Research	5	119-125	<a href="http://dx.doi.org/10.1051/embr.2007004">http://dx.doi.org/10.1051/embr.2007004</a>
General	Tyshko NV, Aksyuk IN, Tutelyan VA	2007	Safety assessment of genetically modified organisms of plant origin in the Russian Federation	Biotechnology Journal	2	826-832	<a href="http://dx.doi.org/10.1002/biot.200700020">http://dx.doi.org/10.1002/biot.200700020</a>
General	Varzakas TH, Chrysoschohidis G, Argyropoulos D, Yang X, Tian XC, Kuibota C, Page R, Xu J, Cibelli J, Seidel G	2007	Approaches in the risk assessment of genetically modified foods by the Hellenic Food Safety Authority	Food and Chemical Toxicology	45	530-542	<a href="http://dx.doi.org/10.1016/j.fct.2006.07.009">http://dx.doi.org/10.1016/j.fct.2006.07.009</a>
General		2007	Risk assessment of meat and milk from cloned animals	Nat Biotech	25	77-83	<a href="http://dx.doi.org/10.1038/nbt1276">http://dx.doi.org/10.1038/nbt1276</a>
General	Cerf O	2008	Current Definitions of Risk for Food Safety and Animal Health Allow Risk Assessments to Provide Substantially Different Outcomes	Risk Analysis	28	811-813	<a href="http://dx.doi.org/10.1111/j.1539-6924.2008.01076.x">http://dx.doi.org/10.1111/j.1539-6924.2008.01076.x</a>
General	Chao E, Krewski D	2008	A risk-based classification scheme for genetically modified foods III: Evaluation using a panel of reference foods	Regulatory Toxicology and Pharmacology	52	235-241	<a href="http://dx.doi.org/10.1016/j.yrtph.2008.08.003">http://dx.doi.org/10.1016/j.yrtph.2008.08.003</a>
General	Chao E, Krewski D	2008	A risk-based classification scheme for genetically modified foods I: Conceptual development	Regulatory Toxicology and Pharmacology	52	208-222	<a href="http://dx.doi.org/10.1016/j.yrtph.2008.08.006">http://dx.doi.org/10.1016/j.yrtph.2008.08.006</a>
General	Hug K	2008	Genetically modified organisms: do the benefits outweigh the risks?	Medicina (Kaunas)	44	87-99	
General	Huggett B	2008	EU to monitor for Chinese GM rice	Nat Biotech	26		<a href="http://dx.doi.org/10.1038/nbt0508-478">http://dx.doi.org/10.1038/nbt0508-478</a>
General	Key S, Ma JKC, Drake PMW	2008	Genetically modified plants and human health	Journal of the Royal Society of Medicine	101	290-298	<a href="http://dx.doi.org/10.1258/jrsm.2008.070372">http://dx.doi.org/10.1258/jrsm.2008.070372</a>
General	Kok EJ, Keijer J, Kleter GA, Kuiper HA	2008	Comparative safety assessment of plant-derived foods	Regulatory Toxicology and Pharmacology	50	98-113	<a href="http://dx.doi.org/10.1016/j.yrtph.2007.09.007">http://dx.doi.org/10.1016/j.yrtph.2007.09.007</a>

General	Krueger R, Buanec BL	2008	Action needed to harmonize regulation of low-level presence of biotech traits	Nat Biotech	26	161-162	<a href="http://dx.doi.org/10.1038/nbt0208-161">http://dx.doi.org/10.1038/nbt0208-161</a>
General	Kwiatk K, Mazur M, Sieradzki Z	2008	Current issues connected with usage of genetically modified crops in production of feed and livestock feeding	Polish Journal of Veterinary Sciences	11	411-414	
General	Lehrman A, Johnson K	2008	Swedish farmers attitudes, expectations and fears in relation to growing genetically modified crops	Environmental Biosafety Research	7	153-162	<a href="http://dx.doi.org/10.1051/embr:2008012">http://dx.doi.org/10.1051/embr:2008012</a>
General	Liu Y	2008	Regulation of GMOs in China	International Journal of Bioethics	19	139-158, 167	
General	McHughen A, Smyth S	2008	US regulatory system for genetically modified [genetically modified organism (GMO), rDNA or transgenic] crop cultivars	Plant Biotechnology Journal	6	02-Dec	<a href="http://dx.doi.org/10.1111/j.1467-7652.2007.00300.x">http://dx.doi.org/10.1111/j.1467-7652.2007.00300.x</a>
General	Morin XK	2008	Genetically modified food from crops: progress, pawns, and possibilities	Analytical and Bioanalytical Chemistry	392	333-340	<a href="http://dx.doi.org/10.1007/s00216-008-2313-4">http://dx.doi.org/10.1007/s00216-008-2313-4</a>
General	Morris SH, Spillane C	2008	GM directive deficiencies in the European Union. The current framework for regulating GM crops in the EU weakens the precautionary principle as a policy tool	EMBO Reports	9	500-504	<a href="http://dx.doi.org/10.1038/embor.2008.94">http://dx.doi.org/10.1038/embor.2008.94</a>
General	Nickson TE	2008	Planning Environmental Risk Assessment for Genetically Modified Crops: Problem Formulation for Stress-Tolerant Crops	Plant Physiology	147	494-502	<a href="http://dx.doi.org/10.1104/pp.108.118422">http://dx.doi.org/10.1104/pp.108.118422</a>
General	Ramessar K, Capell T, Twyman RM, Quemada H, Christou P	2008	Trace and traceability—a call for regulatory harmony	Nature Biotechnology	26	975-978	<a href="http://dx.doi.org/10.1038/nbt0908-975">http://dx.doi.org/10.1038/nbt0908-975</a>
General	Sanvido O, Romeis J, Bigler F	2008	Ecological Impacts of Genetically Modified Crops: Ten Years of Field Research and Commercial Cultivation	Green Gene Technology	107	235-278	
General	Schmidt K, Wilhelm R, Schmidtko J, Beißner L, Mönkemeyer W, Böttinger P, Sweet J, Schiemann J	2008	Farm questionnaires for monitoring genetically modified crops: a case study using GM maize	Environmental Biosafety Research	7	163-179	<a href="http://dx.doi.org/10.1051/embr:2008015">http://dx.doi.org/10.1051/embr:2008015</a>
General	Sesikeran B, Vasanthi S	2008	Constantly evolving safety assessment protocols for GM foods	Asia Pacific Journal of Clinical Nutrition	17 Suppl 1	241-244	
General	Smyth S, McHughen A	2008	Regulating innovative crop technologies in Canada: the case of regulating genetically modified crops	Plant Biotechnology Journal	6	213-225	<a href="http://dx.doi.org/10.1111/j.1467-7652.2007.00309.x">http://dx.doi.org/10.1111/j.1467-7652.2007.00309.x</a>
General	Auer C, Frederick R	2009	Crop improvement using small RNAs: applications and predictive ecological risk assessments	Trends in Biotechnology	27	644-651	<a href="http://dx.doi.org/10.1016/j.tibtech.2009.08.005">http://dx.doi.org/10.1016/j.tibtech.2009.08.005</a>
General	Borchers A, Teuber SS, Keen CL, Gershwin ME	2009	Food Safety	Clinical Reviews in Allergy & Immunology	39	95-141	<a href="http://dx.doi.org/10.1007/s12016-009-8176-4">http://dx.doi.org/10.1007/s12016-009-8176-4</a>
General	Breyer D, Herman P, Brandenburger A, Gheysen G, Remaut E, Soumillion P, Doorselaere JV, Custers R, Pauwels K, Sneyers M, Reheul D	2009	Commentary: Genetic modification through oligonucleotide-mediated mutagenesis. A GMO regulatory challenge?	Environ. Biosafety Res.	8	57-64	
General	Kingiri A, Ayele S	2009	Towards a smart biosafety regulation: The case of Kenya	Environmental Biosafety Research	8	133-139	<a href="http://dx.doi.org/10.1051/embr/2009014">http://dx.doi.org/10.1051/embr/2009014</a>
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General	Kuiper HA, Kleter GA	2009	Preface to the journal supplement dedicated to the early awareness of emerging risks to food and feed safety	Food and Chemical Toxicology	47	909-910	<a href="http://dx.doi.org/10.1016/j.fct.2009.02.009">http://dx.doi.org/10.1016/j.fct.2009.02.009</a>
General	Lema MA, Burachik M	2009	Safety assessment of food products from r-DNA animals	Comparative Immunology, Microbiology and Infectious Diseases	32	163-189	<a href="http://dx.doi.org/10.1016/j.cimid.2007.11.007">http://dx.doi.org/10.1016/j.cimid.2007.11.007</a>
General	Lemaux PG	2009	Genetically Engineered Plants and Foods: A Scientist's Analysis of the Issues (Part II)	Annual Review of Plant Biology	60	511-559	<a href="http://dx.doi.org/10.1146/annurev.arplant.043008.092013">http://dx.doi.org/10.1146/annurev.arplant.043008.092013</a>

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General	Peris M, Escuder-Gilbert L	2009	A 21st century technique for food control: electronic noses	Analytica Chimica Acta	638	Jan-15	<a href="http://dx.doi.org/10.1016/j.aca.2009.02.009">http://dx.doi.org/10.1016/j.aca.2009.02.009</a>
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General	Rosendal GK, Myhr AI	2009	GMO assessment in Norway: societal utility and sustainable development	EMBO Reports	10	939-940	<a href="http://dx.doi.org/10.1038/embor.2009.189">http://dx.doi.org/10.1038/embor.2009.189</a>
General	Sparrow PAC	2009	GM Risk Assessment	Transgenic Wheat, Barley and Oats	478	315-330	
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General	Strauss SH, Tan H, Boefjan W, Sedjo R	2009	Strangled at birth? Forest biotech and the Convention on Biological Diversity	Nat Biotech	27	519-527	<a href="http://dx.doi.org/10.1038/nbt0609-519">http://dx.doi.org/10.1038/nbt0609-519</a>
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General	Wolt JD	2009	Advancing environmental risk assessment for transgenic biofeedstock crops	Biotechnology for Biofuels	2	27-27	<a href="http://dx.doi.org/10.1186/1754-6834-2-27">http://dx.doi.org/10.1186/1754-6834-2-27</a>
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General	Arber W	2010	Genetic engineering compared to natural genetic variations	New Biotechnology	27	517-521	<a href="http://dx.doi.org/10.1016/j.nbt.2010.05.007">http://dx.doi.org/10.1016/j.nbt.2010.05.007</a>
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General	Desneux N, Bernal JS	2010	Genetically modified crops deserve greater ecotoxicological scrutiny	Ecotoxicology	19	1642-1644	<a href="http://dx.doi.org/10.1007/s10646-010-0550-8">http://dx.doi.org/10.1007/s10646-010-0550-8</a>
General	Drew L K	2010	Trade and commerce in improved crops and food: an essay on food security	New Biotechnology	27	623-627	<a href="http://dx.doi.org/10.1016/j.nbt.2010.06.009">http://dx.doi.org/10.1016/j.nbt.2010.06.009</a>
General	Emons H	2010	GMO analysis – a complex and challenging undertaking	Analytical and Bioanalytical Chemistry	396	1949-1950	<a href="http://dx.doi.org/10.1007/s00216-010-3453-x">http://dx.doi.org/10.1007/s00216-010-3453-x</a>
General	EU	2010	A decade of EU-funded GMO research (2001-2010)				
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General	Gressel J	2010	Needs for and environmental risks from transgenic crops in the developing world	New Biotechnology	27	522-527	<a href="http://dx.doi.org/10.1016/j.nbt.2010.05.015">http://dx.doi.org/10.1016/j.nbt.2010.05.015</a>
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General	Jacxens L, Juytendaale M, Devlieghere F, Rovira J, Gomez SO, Luning PA	2010	Food safety performance indicators to benchmark food safety output of food safety management systems	International Journal of Food Microbiology	141, Supplement	S180-S187	<a href="http://dx.doi.org/10.1016/j.ijfoodmicro.2010.05.003">http://dx.doi.org/10.1016/j.ijfoodmicro.2010.05.003</a>
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General	O'Callaghan M, Soboleva TK, Barratt BIP	2010	Using existing data to predict and quantify the risks of GM forage to a population of a non-target invertebrate species: a New Zealand case study	Environmental Biosafety Research	9	155-161	<a href="http://dx.doi.org/10.1051/ebri/20111103">http://dx.doi.org/10.1051/ebri/20111103</a>
General	Parrott W, Chassy B, Ligon J, Meyer L, Petrick J, Zhou J, Herman R, Delaney B, Levine M	2010	Application of food and feed safety assessment principles to evaluate transgenic approaches to gene modulation in crops	Food and Chemical Toxicology	48	1773-1790	<a href="http://dx.doi.org/10.1016/j.fct.2010.04.017">http://dx.doi.org/10.1016/j.fct.2010.04.017</a>
General	Potrykus I	2010	Regulation must be revolutionized	Nature	466		<a href="http://dx.doi.org/10.1038/466561a">http://dx.doi.org/10.1038/466561a</a>
General	Raybould A, Tuttle A, Shore S, Stone T	2010	Environmental risk assessments for transgenic crops producing output trait enzymes	Transgenic Research	19	595-609	<a href="http://dx.doi.org/10.1007/s11248-009-9343-3">http://dx.doi.org/10.1007/s11248-009-9343-3</a>
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General	Collier MJ, Mullins E	2011	The CINMa Index: Assessing the potential impact of GM crop management across a heterogeneous landscape	Environmental Biosafety Research	9	135-145	<a href="http://dx.doi.org/10.1051/ebri/20111102">http://dx.doi.org/10.1051/ebri/20111102</a>
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General	James C	2011	Global Status of Commercialized Biotech/GM Crops	ISAAA Brief	43		
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General	Morris EJ	2011	A semi-quantitative approach to GMO risk-benefit analysis	Transgenic Research	20	1055-1071	<a href="http://dx.doi.org/10.1007/s11248-010-9480-8">http://dx.doi.org/10.1007/s11248-010-9480-8</a>
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General	Raybould A, Caron-Lormier G, Bohan DA	2011	Derivation and Interpretation of Hazard Quotients To Assess Ecological Risks from the Cultivation of Insect-Resistant Transgenic Crops	J. Agric. Food Chem.	59	5877-5885	<a href="http://dx.doi.org/10.1021/jf1042079">http://dx.doi.org/10.1021/jf1042079</a>



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General	Sanvido O, Romeis J, Bigler F	2011	Environmental change challenges decision-making during post-market environmental monitoring of transgenic crops	Transgenic Research		1191-1201	<a href="http://dx.doi.org/10.1007/s11248-011-9524-8">http://dx.doi.org/10.1007/s11248-011-9524-8</a>
General	Waltz E	2011	GM grass eludes outmoded USDA oversight	Nature Biotechnology	29	772-773	<a href="http://dx.doi.org/10.1038/nb0911-772">http://dx.doi.org/10.1038/nb0911-772</a>
General	Brookes G, Barfoot P	2012	Global impact of biotech crops: environmental effects, 1996-2010	GM crops & food	3	129-137	<a href="http://dx.doi.org/10.4161/gmcr.20061">http://dx.doi.org/10.4161/gmcr.20061</a>
General	Houllier F	2012	Biotechnology: Bring more rigour to GM research	Nature		491-327-327	<a href="http://dx.doi.org/10.1038/491327a">http://dx.doi.org/10.1038/491327a</a>
General	Carstens K, Anderson J, Bachman P, De Schrijver A, Dively G, Federici B, Hamer M, Gielkens M, Jensen P, Lamp W, Rauschen S, Ridley G, Romeis J, Waggoner A	2012	Genetically modified crops and aquatic ecosystems: considerations for environmental risk assessment and non-target organism testing	Transgenic Research	21	813-842	<a href="http://dx.doi.org/10.1007/s11248-011-9569-8">http://dx.doi.org/10.1007/s11248-011-9569-8</a>
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General	Keogh B	2012	Biotech crops' seal of safety does not convince skeptics	Journal of the National Cancer Institute	104	498-501	<a href="http://dx.doi.org/10.1093/jnci/djs196">http://dx.doi.org/10.1093/jnci/djs196</a>
General	Komen J	2012	The emerging international regulatory framework for biotechnology	GM crops & food	3	78-84	<a href="http://dx.doi.org/10.4161/gmcr.19363">http://dx.doi.org/10.4161/gmcr.19363</a>
General	McHughen A	2012	Introduction to the GM crops special issue on biosafety, food and GM regulation	GM crops & food	3	06-Aug	<a href="http://dx.doi.org/10.4161/gmcr.17646">http://dx.doi.org/10.4161/gmcr.17646</a>
General	Moses V	2012	GM in the media	GM crops & food	3	03-May	<a href="http://dx.doi.org/10.4161/gmcr.19622">http://dx.doi.org/10.4161/gmcr.19622</a>
General	Okeno JA, Wolt JD, Misra MK, Rodriguez L	2012	Africa's inevitable walk to genetically modified (GM) crops: opportunities and challenges for commercialization	New Biotechnology			<a href="http://dx.doi.org/10.1016/j.nbt.2012.09.001">http://dx.doi.org/10.1016/j.nbt.2012.09.001</a>
General	Parrott WA, Jez JM, Hannah LC	2012	To be or not to be transgenic	Nature Biotechnology	30	825-826	<a href="http://dx.doi.org/10.1038/nbt.2347">http://dx.doi.org/10.1038/nbt.2347</a>
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General	Raybould A, Poppy GM	2012	Commercializing genetically modified crops under EU regulations: Objectives and barriers	GM crops & food	3	Sep-20	<a href="http://dx.doi.org/10.4161/gmcr.18961">http://dx.doi.org/10.4161/gmcr.18961</a>
General	Rodriguez-Entrena M, Salazar-Ordóñez M	2012	Influence of scientific-technical literacy on consumers' behavioural intentions regarding new food	Appetite			<a href="http://dx.doi.org/10.1016/j.appet.2012.09.028">http://dx.doi.org/10.1016/j.appet.2012.09.028</a>
General	Ryffel GU	2012	Organic plants: Gene-manipulated plants compatible with organic farming	Biotechnology Journal	7	1328-1331	<a href="http://dx.doi.org/10.1002/biot.201200225">http://dx.doi.org/10.1002/biot.201200225</a>
General	Ueland Ø, Gunnlaugsdóttir H, Holm F, Kalogeras N, Leino O, Luteijn JM, Magnusson SH, Odekerken G, Pohjola MV, Tjihuis MJ, Tuomisto JT, White BC, Verhagen H	2012	State of the art in benefit-risk analysis: consumer perception	Food and chemical toxicology: an international journal published for the British Industrial Biological Research Association	50	67-76	<a href="http://dx.doi.org/10.1016/j.fct.2011.06.006">http://dx.doi.org/10.1016/j.fct.2011.06.006</a>
General	von Kries C, Winter G	2012	The structuring of GMO release and evaluation in EU law	Biotechnology Journal	7	569-581	<a href="http://dx.doi.org/10.1002/biot.201100321">http://dx.doi.org/10.1002/biot.201100321</a>
General	Wang Z-Y, Brummer EC	2012	Is Genetic Engineering Ever Going to Take Off in Forage, Turf and Bioenergy Crop Breeding?	Annals of Botany			<a href="http://dx.doi.org/10.1093/aob/mcs027">http://dx.doi.org/10.1093/aob/mcs027</a>
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Biodiversity	Bernal CC,Aguda RM,Cohen MB	2002	Effect of rice lines transformed with Bacillus thuringiensis toxin genes on the brown planthopper and its predator <i>Cyrtorhinus lividipennis</i>	Entomologia Experimentalis et Applicata	102	21-28	<a href="http://dx.doi.org/10.1046/j.1570-7458.2002.00921.x">http://dx.doi.org/10.1046/j.1570-7458.2002.00921.x</a>
Biodiversity	Bernal JS,Greset JG,Gilgoly PO	2002	Impacts of developing on Bt maize-intoxicated hosts on fitness parameters of a stem borer parasitoid	Journal of Entomological Science	37	27-40	
Biodiversity	Bernal JS,Griset JG,Gilgoly PO	2002	Impacts of developing on Bt maize-intoxicated hosts on fitness parameters of a stem borer parasitoid	J. Entomol. Sci.	37	27	
Biodiversity	Bitzer RJ,Buckelew LD,Pedigo LP	2002	Effects of Transgenic Herbicide-Resistant Soybean Varieties and Systems on Surface-Active Springtails (Entognatha: Collembola)	Environmental Entomology	31	449-461	
Biodiversity	Bourquet D,Chaufaux J,Micoud A,Delos M,Naibo B,Bombarde F,Marque G,Eychenne N,Pagliari C	2002	<i>Ostrinia nubilalis</i> parasitism and the field abundance of non-target insects in transgenic <i>Bacillus thuringiensis</i> corn ( <i>Zea mays</i> )	Environmental Biosafety Research	1	49-60	
Biodiversity	Burgess EP,J,Lovei GL,Malone LA,Nielsen IW,Gatehouse HS,Christeller JT	2002	Prey-mediated effects of the protease inhibitor aptoinin on the predatory carabid beetle <i>Nebria brevicollis</i>	J. Insect Physiol.	48	1093	
Biodiversity	Burgess EP,J,Malone LA,Christeller JT,Leister MT,Murray C	2002	Avidin expressed in transgenic tobacco leaves confers resistance to two noctuid pests, <i>Helicoverpa armigera</i> and <i>Spodoptera litura</i>	Transgenic Res.	11	185	
Biodiversity	Cao J,Ibrahim H,Garcia JJ,Mason H,Granados RR,Earle ED	2002	Transgenic tobacco plants carrying a baculovirus enhancer gene slow the development and increase the mortality of <i>Trichoplusia ni</i> larvae	Plant Cell Reprod.	21	244	
Biodiversity	Carlini CR,Grossi-de-Sa MF	2002	Plant toxic proteins with insecticidal properties. A review on their potentialities as bioinsecticides	Toxicon	40	1515-1539	
Biodiversity	Coll M,Guerison M	2002	Omnivory in terrestrial arthropods: mixing plant and prey diets	Annu Rev Entomol	47	267-297	
Biodiversity	Cowgill SE,Bardgett RD,Kiezebrink DT,Atkinson HJ	2002	The effect of transgenic nematode resistance on non-target organisms in the potato rhizosphere	J. Appl. Ecol.	39	915	
Biodiversity	Devillers J,Pham-Deleigue MH	2002	Honey Bees: Estimating the Environmental Impact of Chemicals				
Biodiversity	Duan JJ,Head G,McKee MJ,Nickson TE,Martin JW,Sayegh FS	2002	Evaluation of dietary effects of transgenic corn pollen expressing Cry3Bb1 protein on a non-target ladybird beetle, <i>Coleomegilla maculata</i>	Entomologia Experimentalis et Applicata	104	271-280	<a href="http://dx.doi.org/10.1046/j.1570-7458.2002.01013.x">http://dx.doi.org/10.1046/j.1570-7458.2002.01013.x</a>
Biodiversity	Dutton A,Klein H,Romeis J,Bigler F	2002	Uptake of Bt-toxin by herbivores feeding on transgenic maize and consequences for the predator <i>Chrysoperla carnea</i>	Ecological Entomology	27	441-447	<a href="http://dx.doi.org/10.1046/j.1365-2311.2002.00436.x">http://dx.doi.org/10.1046/j.1365-2311.2002.00436.x</a>
Biodiversity	Federici BA	2002	Case study: Bt crops-a novel mode of insect control	Genetically Modified Crops: Assessing Safety	22	164-200	
Biodiversity	Felke M,Lorenz N,Langenbruch GA	2002	Laboratory studies on the effects of pollen from Bt-maize on larvae of some butterfly species	J. Appl. Entomol.	126	320	
Biodiversity	Gatehouse AMR,Ferry N,Raemaekers RJM	2002	The case of the monarch butterfly: a verdict is returned	Trends in genetics: TIG	18	249-251	
Biodiversity	Graham J,Gordon SC,Smith K,McNicol RJ,McNicol JW	2002	The effect of the cowpea trypsin inhibitor in strawberry on damage by vine weevil under field conditions	J. Hortic. Sci. Biotechnol.	77	33	

Biodiversity	Groot AT, Dicke M	2002	Insect-resistant transgenic plants in a multi-trophic context	Plant J	31	387-406	
Biodiversity	Head G, Surber JB, Watson JA, Martin JW, Duan JJ	2002	No detection of Cry1Ac protein in soil after multiple years of transgenic Bt cotton (Bollgard) use	Environmental Entomology	31	30-36	
Biodiversity	Heuer H, Kroppenstedt RM, Lottmann J, Berg G, Smalla K	2002	Effects of T4-lysozyme release from transgenic potato roots on bacterial rhizosphere communities are negligible relative to natural factors	Appl. Environ. Microbiol.	69	1325	
Biodiversity	Heuer H, Kroppenstedt RM, Lottmann J, Berg G, Smalla K	2002	Effects of T4-lysozyme release from transgenic potato roots on bacterial rhizosphere communities are negligible relative to natural factors	Applied and Environmental Microbiology	68	1325-1335	
Biodiversity	Jesse LCH, Obrycki JJ	2002	Assessment of the non-target effects of transgenic Bt corn pollen and anthers on the milkweed tiger moth, <i>Euchatias egle</i> Drury (Lepidoptera: Arctiidae)	J. Kans. Entomol. Soc.	75	55	
Biodiversity	Koskella J, Stotzky G	2002	Larvicidal toxins from <i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i> , <i>morrisoni</i> (strain <i>tenebrionis</i> ), and <i>israelensis</i> have no microbial or microbiostatic activity against selected bacteria, fungi and algae in vitro	Can. J. Microbiol.	48	262-267	
Biodiversity	Koskella J, Stotzky G	2002	Larvicidal toxins from <i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i> , <i>morrisoni</i> (strain <i>tenebrionis</i> ), and <i>israelensis</i> have no microbicidal or microbiostatic activity against selected bacteria, fungi, and algae in vitro	Canadian Journal of Microbiology	48	262-267	
Biodiversity	Kowalchuk GA, Buma DS, de Boer W, Klinkhamer PG, van Veen JA	2002	Effects of above-ground plant species composition and diversity on the diversity of soil-borne microorganisms	Antonie Van Leeuwenhoek	81	509-20	
Biodiversity	Liu ZC, Ye GY, Hu C	2002	Effects of Bt transgenic rice on population dynamics of main non-target insect pests and dominant spider species in rice paddies	Acta Phytophylacica Sin.	29	138	
Biodiversity	Lundgren JG, Wiedenmann RN	2002	Coleopteran-specific Cry3Bb Toxin from Transgenic Corn Pollen Does Not Affect the Fitness of a Nontarget Species, <i>Coleomegilla maculata</i> DeGeer (Coleoptera: Coccinellidae)	Environmental Entomology	31	1213-1218	<a href="http://dx.doi.org/10.1603/0046-225x-31.6.1213">http://dx.doi.org/10.1603/0046-225x-31.6.1213</a>
Biodiversity	Malone L, Tregida EL, Todd JH, Burgess EPJ, Philip BA	2002	Effects of ingestion of a biotin-binding protein on adult and larval honey bees	Apidologie	33	447	
Biodiversity	Malone LA, Pham-Delegue MH	2002	Using proteins to assess the potential impacts of genetically modified plants on honey bees			290	
Biodiversity	Manachini B, Lozzia GC	2002	First investigations into the effects of Bt corn crop on <i>Nematotaura</i>	Bollettino de Zoologia Agraria e di Bachicoltura	34	85-96	
Biodiversity	Misko AL, Germida JJ	2002	Taxonomic and functional diversity of pseudomonas isolated from the roots of field-grown genetically modified canola	FEMS Microbiol Ecology	42	399-407	
Biodiversity	Ponsard S, Gutierrez AP, Mills NJ	2002	Effect of Bt-toxin (Cry1Ac) in Transgenic Cotton on the Adult Longevity of Four Heteropteran Predators	Environmental Entomology	31	1197-1205	<a href="http://dx.doi.org/10.1603/0046-225x-31.6.1197">http://dx.doi.org/10.1603/0046-225x-31.6.1197</a>
Biodiversity	Saxena D, Flores S, Stotzky G	2002	Bt toxin is released in root exudates from 12 transgenic corn hybrids representing three transformation events	Soil Biol. Biochem.	34	133	
Biodiversity	Saxena D, Stotzky G	2002	Bt toxin is not taken up from soil or hydroponic culture by corn, carrot, radish, or turnip	Plant and Soil	239	165-172	

Biodiversity	Schmalenberger A, Tebbe CC	2002	Bacterial community composition in the rhizosphere of a transgenic, herbicide-resistant maize ( <i>Zea mays</i> ) and comparison to its non-transgenic cultivar Bosphore	FEMS Microbiol Ecology	40	29-37	
Biodiversity	Setamou M, Bernal JS, Legaspi JC, Mirkov TE	2002	Effects of snowdrop lectin ( <i>Galanthus nivalis</i> agglutinin) expressed in transgenic sugarcane on fitness of <i>Cotesia flavipes</i> (Hymenoptera: Braconidae), a parasitoid of the nontarget pest <i>Diatraea saccharalis</i> (Lepidoptera: Crambidae)	Ann. Entomol. Soc. Am.	95	75	
Biodiversity	Setamou M, Bernal JS, Legaspi JC, Mirkov TE	2002	Parasitism and location of sugarcane borer (Lepidoptera: Pyralidae) by <i>Cotesia flavipes</i> (Hymenoptera: Braconidae) on transgenic and conventional sugarcane	Environ. Entomol.	31	1219	
Biodiversity	Stotzky G	2002	Genetically Engineered Organisms: Assessing Environmental and Human Health Effects	Genetically Engineered Organisms: Assessing Environmental and Human Health Effects		187	
Biodiversity	Stotzky G	2002	Release, persistence, and biological activity in soil of insecticidal proteins from <i>Bacillus thuringiensis</i>	Genetically Engineered Organisms: Assessing Environmental and Human Health Effects		187-222	
Biodiversity	Sun CG, Xu J, Zhang QW, Feng HB, Wang F, Song R	2002	Effect of transgenic Bt cotton on population of cotton pests and their natural enemies in Xinjiang	Chin. J. Biol. Control	18	106	
Biodiversity	Termorshuizen AJ, Lotz LAP	2002	Does large-scale cropping of herbicide-resistant cultivars increase the incidence of polyphagous soil-borne plant pathogens?	Outlook on Agriculture	31	51-54	
Biodiversity	Tortiglione C, Fanti P, Pennacchio F, Malva C, Breuer M	2002	The expression in tobacco plants of <i>Aedes aegypti</i> trypsin modulating oostatic factor (Aea-TMOF) alters growth and development of the tobacco budworm, <i>Heliothis virescens</i>	Mol. Breed.	9	159	
Biodiversity	Wandeler H, Bahylova J, Nentwig W	2002	Consumption of two Bt and six non-Bt corn varieties by the woodlouse <i>Porcellio scaber</i>	Basic and Applied Ecology	3	357-365	<a href="http://dx.doi.org/10.1078/1439-1791-00124">http://dx.doi.org/10.1078/1439-1791-00124</a>
Biodiversity	Wu K, Li W, Feng H, Guo Y	2002	Seasonal abundance of the mirids, <i>Lygus lucorum</i> and <i>Adelphocoris</i> spp. (Hemiptera: Miridae) on Bt cotton in northern China	Crop Protection	21	997-1002	<a href="http://dx.doi.org/10.1016/S0261-2194(02)00080-7">http://dx.doi.org/10.1016/S0261-2194(02)00080-7</a>
Biodiversity	Al-Deeb MA, Wilde GE	2003	Effect of Bt Corn Expressing the Cry3Bb1 Toxin for Corn Rootworm Control on Aboveground Nontarget Arthropods	Environmental Entomology	32	1164-1170	<a href="http://dx.doi.org/10.1603/0046-225X-32.5.1164">http://dx.doi.org/10.1603/0046-225X-32.5.1164</a>
Biodiversity	Al-Deeb MA, Wilde GE, Blair JM, Todd TC	2003	Effect of Bt Corn for Corn Rootworm Control on Nontarget Soil Microarthropods and Nematodes	Environmental Entomology	32	859-865	<a href="http://dx.doi.org/10.1603/0046-225X-32.4.859">http://dx.doi.org/10.1603/0046-225X-32.4.859</a>
Biodiversity	Baur ME, Boethel DJ	2003	Impact of genetically modified potato expressing plant-derived insect resistance genes on the predatory bug <i>Podisus maculiventris</i> (Heteroptera: Pentatomidae) in the laboratory	Biological Control	26	325-332	<a href="http://dx.doi.org/10.1016/S1049-9644(02)00160-3">http://dx.doi.org/10.1016/S1049-9644(02)00160-3</a>
Biodiversity	Bell HA, Down RE, Fitches EC, Edwards JP, Gatehouse AMR	2003	Oryzacystatin I expressed in transgenic potato induces digestive compensation in an insect natural predator via its herbivorous prey feeding on the plant	Biocontrol Sci. Technol.	13	729	
Biodiversity	Bouchard E, Cloutier C, Michaud D	2003		Mol. Ecol.	12	2439	

Biodiversity	Bouchard E, Michaud D, Cloutier C	2003	Molecular interactions between an insect predator and its herbivore prey on transgenic potato expressing a cysteine proteinase inhibitor from rice	Mol. Ecol.	12	2429	
Biodiversity	Brødsgaard HF, Brødsgaard C.J, Hansen H, Lövel GL	2003	Environmental risk assessment of transgene products using honey bee ( <i>Apis mellifera</i> ) larvae	Apidologie	34	139	
Biodiversity	Brooks DR, Bohan DA, Champion GT, Houghton A.J, Hawes C, Heard MS, Clark S.J, Dewar AM, Firbank LG, Perry J.N, Rothery P, Scott R.J, Woivod IP, Birchall C, Skellern MP, Walker J.H, Baker P, Bell D, Browne E.L., Dewar A.J.G, Fairfax C.M, Garner B.H, Haylock L.A, Home S.L, Hulmes S.E, Mason N.S, Norton L.R, Nuttall P, Randle Z, Rossall M.J, Sands R.J.N, Singer E.J, Walker M.J	2003	Invertebrate responses to the management of genetically modified herbicide-tolerant and conventional spring crops. 1. Soil-surface-active invertebrates	Philosophical Transactions of the Royal Society B: Biological Sciences	358	1847-1862	<a href="http://dx.doi.org/10.1098/rstb.2003.1407">http://dx.doi.org/10.1098/rstb.2003.1407</a>
Biodiversity	Brownbridge M	2003	Preliminary observations on effects of Bt-corn on non-target soil Collembola			40	
Biodiversity	Bruinsma M	2003	Effects of genetically modified plants on microbial communities and processes in soil	Biology and fertility of soil	37	329-337	
Biodiversity	Bruinsma M, Kowalchuk GA, van Veen JA	2003	Effects of genetically modified plants on microbial communities and processes in soil	Biol. Fertil. Soils	37	329	
Biodiversity	Candas M, Loseva O, Oppert B, Kosaraju P, Bulla LA	2003	Insect Resistance to <i>Bacillus Thuringiensis</i> Alterations in the Indianmeal Moth Larval Gut Proteome	Molecular & Cellular Proteomics	2	19-28	<a href="http://dx.doi.org/10.1074/mcp.M2000069-MCP200">http://dx.doi.org/10.1074/mcp.M2000069-MCP200</a>
Biodiversity	Carrière Y, Eilers-Kirk C, Sisterson M, Antilla L, Whitlow M, Dennehy T.J, Tabashnik BE	2003	Long-term regional suppression of pink bollworm by <i>Bacillus thuringiensis</i> cotton	Proceedings of the National Academy of Sciences	100	1519-1523	<a href="http://dx.doi.org/10.1073/pnas.0436708100">http://dx.doi.org/10.1073/pnas.0436708100</a>
Biodiversity	Champion GT, May M.J, Bennett S, Brooks DR, Clark S.J, Daniels RE, Firbank LG, Houghton A.J, Hawes C, Heard MS, Perry J.N, Randle Z, Rossall M.J, Rothery P, Skellern MP, Scott R.J, Squire GR, Thomas MR	2003	Crop management and agronomic context of the Farm Scale Evaluations of genetically modified herbicide-tolerant crops	Philosophical Transactions of the Royal Society B: Biological Sciences	358	1801-1818	<a href="http://dx.doi.org/10.1098/rstb.2003.1405">http://dx.doi.org/10.1098/rstb.2003.1405</a>
Biodiversity	Chassy B, Carter C, McGloughlin M, McHughen A, Parrott W, Preston C, Roush R, Shelton A, Strauss SH	2003	UK field-scale evaluations answer wrong questions	Nature Biotechnology	21	1429-1430	<a href="http://dx.doi.org/10.1038/nbt1203-1429">http://dx.doi.org/10.1038/nbt1203-1429</a>
Biodiversity	Conner AJ, Glare TR, Nap J-P	2003	The release of genetically modified crops into the environment. Part II. Overview of ecological risk assessment	Plant J.	33	19	
Biodiversity	Cowgill SE, Atkinson HJ	2003	A sequential approach to risk assessment of transgenic plants expressing protease inhibitors: effects on nontarget herbivorous insects	Transgenic Res.	12	439	
Biodiversity	Dewar AM, May M.J, Woivod IP, Haylock LA, Champion GT, Garner B.H, Sands R.J.N, Qi A, Pridgeon JD	2003	A novel approach to the use of genetically modified herbicide tolerant crops for environmental benefit	Proceedings of the Royal Society of London. Series B: Biological Sciences	270	335-340	<a href="http://dx.doi.org/10.1098/rspb.2002.2248">http://dx.doi.org/10.1098/rspb.2002.2248</a>
Biodiversity	Dinel H, Schmitzer M, Saharinen M, Meloche F, Paré T	2003	Extractable soil lipids and microbial activity as affected by Bt and non-Bt maize grown on a silty clay loam soil	J. Environ. Sci. Health	B38	211	
Biodiversity	Dinel H, Schmitzer M, Saharinen M, Meloche F, Paré T, Dumontet S, Lemeux L, Ambles A	2003	Extractable soil lipids and microbial activity as affected by Bt and non Bt maize grown on a silty clay loam soil	Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes	38	211-219	
Biodiversity	Down REF, Ford L., Woodhouse SD, Davison GM, Majerus MEN	2003	Tritrophic interactions between transgenic potato expressing snowdrop lectin (GNA), an aphid pest (peach-potato aphid: <i>Myzus persicae</i> (Sulz.)) and a beneficial predator (2-spot ladybird: <i>Adalia bipunctata</i> L.)	Transgenic Res.	12	229	

Biodiversity	Dunfield KE, Germida JJ	2003	Seasonal Changes in the Rhizosphere Microbial Communities Associated with Field-Grown Genetically Modified Canola (Brassica napus)	Appl Environ Microbiol	69	7310-7318	
Biodiversity	Dutton A, Romeis J, Bigler F	2003	Assessing the risks of insect resistant transgenic plants on entomophagous arthropods: Bt-maize expressing Cry1Ab as a case study	BioControl	48	611	
Biodiversity	Federici BA, Metz M	2003	Effects of Bt on non-target organisms			Nov-30	
Biodiversity	Ferreira LHPL, Molina JC, Brasil C, Andrade G	2003	Evaluation of <i>Bacillus thuringiensis</i> bioinsecticidal protein effects on soil microorganisms	Plant and Soil	256	161-168	
Biodiversity	Ferry NR, Raemaekers JM, Majerus MEN, Jouanin L, Port G	2003	Impact of oilseed rape expressing the insecticidal cysteine protease inhibitor oryzacystatin on the beneficial predator <i>Harmonia axyridis</i> (multicoloured Asian ladybeetle)	Mol. Ecol.	12	493	
Biodiversity	Firbank LG, Heard MS, Woivod IP, Hawes C, Houghton AJ, Champion GT, Scott RJ, Hill MO, Dewar AM, Squire GR, May MJ, Brooks DR, Bohan DA, Daniels RE, Osborne JL, Roy DB, Black HJ, Rothery P, Perry JN	2003	An introduction to the Farm-Scale Evaluations of genetically modified herbicide-tolerant crops	Journal of Applied Ecology	40	Feb-16	<a href="http://dx.doi.org/10.1046/j.1365-2664.2003.00787.x">http://dx.doi.org/10.1046/j.1365-2664.2003.00787.x</a>
Biodiversity	Gepis P, Papa R	2003	Possible effects of (trans)gene flow from crops on the genetic diversity from landraces and wild relatives	Environmental Biosafety Research	2	89-103	
Biodiversity	Glaser JA, Matten SR	2003	Sustainability of insect resistance management strategies for transgenic Bt corn	Biotechnology Advances	22	45-69	<a href="http://dx.doi.org/10.1016/j.biotechadv.2003.08.016">http://dx.doi.org/10.1016/j.biotechadv.2003.08.016</a>
Biodiversity	Hanley A, Huang Z, Pett W	2003	Effects of dietary transgenic Bt corn pollen on larvae of <i>Apis mellifera</i> and <i>Galleria mellonella</i>	Journal of Apiculture Research	42	77-81	
Biodiversity	Houghton AJ, Champion GT, Hawes C, Heard MS, Brooks DR, Bohan DA, Clark SJ, Dewar AM, Firbank LG, Osborne JL, Perry JN, Rothery P, Roy DB, Scott RJ, Woivod IP, Birchall C, Skellern MP, Walker JH, Baker P, Browne EL, Dewar AJG, Garner BH, Haylock LA, Horne SL, Mason NS, Sands RJN, Walker MJ	2003	Invertebrate responses to the management of genetically modified herbicide-tolerant and conventional spring crops. II. Within-field epigeal and aerial arthropods	Philosophical Transactions of the Royal Society B: Biological Sciences	358	1863-1877	<a href="http://dx.doi.org/10.1098/rstb.2003.1408">http://dx.doi.org/10.1098/rstb.2003.1408</a>
Biodiversity	Hawes C, Houghton AJ, Osborne JL, Roy DB, Clark SJ, Perry JN, Rothery P, Bohan DA, Brooks DR, Champion GT, Dewar AM, Heard MS, Woivod IP, Daniels RE, Young MW, Parish AM, Scott RJ, Firbank LG, Squire GR	2003	Responses of plants and invertebrate trophic groups to contrasting herbicide regimes in the Farm Scale Evaluations of genetically modified herbicide-tolerant crops	Philosophical Transactions of the Royal Society of London. Series B: Biological Sciences	358	1899-1913	<a href="http://dx.doi.org/10.1098/rstb.2003.1406">http://dx.doi.org/10.1098/rstb.2003.1406</a>
Biodiversity	Heard MS, Hawes C, Champion GT, Clark SJ, Firbank LG, Houghton AJ, Parish AM, Perry JN, Rothery P, Roy DB, Scott RJ, Skellern MP, Squire GR, Hill MO	2003	Weeds in fields with contrasting conventional and genetically modified herbicide-tolerant crops. II. Effects on individual species	Philosophical Transactions of the Royal Society B: Biological Sciences	358	1833-1846	<a href="http://dx.doi.org/10.1098/rstb.2003.1401">http://dx.doi.org/10.1098/rstb.2003.1401</a>
Biodiversity	Heard MS, Hawes C, Champion GT, Clark SJ, Firbank LG, Houghton AJ, Parish AM, Perry JN, Rothery P, Scott RJ, Skellern MP, Squire GR, Hill MO	2003	Weeds in fields with contrasting conventional and genetically modified herbicide-tolerant crops. I. Effects on abundance and diversity	Philosophical Transactions of the Royal Society B: Biological Sciences	358	1819-1832	<a href="http://dx.doi.org/10.1098/rstb.2003.1402">http://dx.doi.org/10.1098/rstb.2003.1402</a>
Biodiversity	Hopkins DW, Gregorich EG	2003	Detection and decay of the Bt endotoxin in soil from a field trial with genetically modified maize	European Journal of Soil Science	54	793-800	<a href="http://dx.doi.org/10.1046/j.1351-0754.2003.0563.x">http://dx.doi.org/10.1046/j.1351-0754.2003.0563.x</a>
Biodiversity	Howald R, Zwahlen C, Nentwig W	2003	Evaluation of Bt oilseed rape on the non-target herbivore <i>Athalia rosae</i>	Entomologia Experimentalis et Applicata	106	87-93	<a href="http://dx.doi.org/10.1046/j.1570-7458.2003.00012.x">http://dx.doi.org/10.1046/j.1570-7458.2003.00012.x</a>
Biodiversity	James C	2003	Preview: Global Status of Transgenic Crops: 2003				

Biodiversity	Jasinski JR, Eislej JB, Young CE, Kovach J, Willson H	2003	Select Nontarget Arthropod Abundance in Transgenic and Nontransgenic Field Crops in Ohio	Environmental Entomology	32	407-413	<a href="http://dx.doi.org/10.1603/0046-225x-32.2.407">http://dx.doi.org/10.1603/0046-225x-32.2.407</a>
Biodiversity	Jesse LCH, Obrycki JJ	2003	Occurrence of <i>Danaus plexippus</i> L. (Lepidoptera: Danaidae) on milkweeds ( <i>Asclepias syriaca</i> ) in transgenic Bt corn agroecosystems	Agric. Environ.	97	225	
Biodiversity	Jurat-Fuentes JL, Gould FL, Adang MJ	2003	Dual Resistance to <i>Bacillus thuringiensis</i> Cry1Ac and Cry2Aa Toxins in <i>Heliothis virescens</i> Suggests Multiple Mechanisms of Resistance	Applied and Environmental Microbiology	69	5898-5906	<a href="http://dx.doi.org/10.1128/aem.69.10.5898-5906.2003">http://dx.doi.org/10.1128/aem.69.10.5898-5906.2003</a>
Biodiversity	Kowalchuk GA, Bruinsma M, van Veen JA	2003	Assessing responses of soil microorganisms to GM plants	Trends in Ecology and Evolution	18	403-409	
Biodiversity	Lee L, Saxena D, Stoltzky G	2003	Activity of free and clay-bound insecticidal proteins from <i>Bacillus thuringiensis</i> subsp. israelensis against the mosquito <i>Culex pipiens</i>	Applied and Environmental Microbiology	69	4111-4115	
Biodiversity	Mason P, Braun L, Warwick SJ, Zhu B, Stewart CN, Jr.	2003	Transgenic Bt-producing <i>Brassica napus</i> : <i>Plutella xylostella</i> selection pressure and fitness of weedy relatives	Environmental Biosafety Research	2	263-276	
Biodiversity	McPherson RM, Johnson WC, Mullinix BG, Jr., Mills WA, 3rd, Peebles FS	2003	Influence of herbicide tolerant soybean production systems on insect pest populations and pest-induced crop damage	Journal of Economic Entomology	96	690-698	
Biodiversity	Mohan M, Gujar GT	2003	Characterization and comparison of midgut proteases of <i>Bacillus thuringiensis</i> susceptible and resistant diamondback moth ( <i>Plutellidae</i> : Lepidoptera)	Journal of Invertebrate Pathology	82	01-Nov	<a href="http://dx.doi.org/10.1016/s0022-2011(02)00194-5">http://dx.doi.org/10.1016/s0022-2011(02)00194-5</a>
Biodiversity	Morandin LA, Winston ML	2003	Effects of Novel Pesticides on Bumble Bee (Hymenoptera: Apidae) Colony Health and Foraging Ability	Environmental Entomology	32	555-563	<a href="http://dx.doi.org/10.1603/0046-225x-32.3.555">http://dx.doi.org/10.1603/0046-225x-32.3.555</a>
Biodiversity	Musser FR, Shelton AM	2003	Bt sweet corn and selective insecticides: impacts on pests and predators	Journal of Economic Entomology	96	71-80	
Biodiversity	Pons X, Starý P	2003	Spring aphid-parasitoid (Hom., Aphididae, Hym., Braconidae) associations and interactions in a Mediterranean arable crop ecosystem, including Bt maize	Journal of Pest Science	76	133-138	<a href="http://dx.doi.org/10.1007/s10340-003-0003-8">http://dx.doi.org/10.1007/s10340-003-0003-8</a>
Biodiversity	Romeis J, Babendreier D, Wackers FL	2003	Consumption of snowdrop lectin ( <i>Galanthus nivalis</i> agglutinin) causes direct effects on adult parasitic wasps	Oecologia	134	528	
Biodiversity	Roy DB, Bohan DA, Houghton AJ, Hill MO, Osborne JL, Clark SJ, Perry JN, Roithery P, Scott RJ, Brooks DR, Champion GT, Hawes C, Heard MS, Firbank LG	2003	Invertebrates and vegetation of field margins adjacent to crops subject to contrasting herbicide regimes in the Farm Scale Evaluations of genetically modified herbicide-tolerant crops	Philosophical Transactions of the Royal Society B: Biological Sciences	358	1879-1898	<a href="http://dx.doi.org/10.1098/rstb.2003.1404">http://dx.doi.org/10.1098/rstb.2003.1404</a>
Biodiversity	Sayyed AH, Schuler TH, Wright DJ	2003	Inheritance of resistance to Bt canola in a field - derived population of <i>Plutella xylostella</i>	Pest Management Science	59	1197-1202	<a href="http://dx.doi.org/10.1002/ps.754">http://dx.doi.org/10.1002/ps.754</a>
Biodiversity	Schmitz G, Bartsch D, Pretscher P	2003	Selection of relevant non-target herbivores for monitoring the environmental effects of Bt maize pollen	Environ. Biosafety Res.	2	117	
Biodiversity	Schuler TH, Potting RPJ, Denholm I, Clark SJ, Clark AJ, Stewart CN, Poppy GM	2003	Tritrophic choice experiments with Bt plants, the diamondback moth ( <i>Plutella xylostella</i> ) and the parasitoid <i>Cotesia plutellae</i>	Transgenic Research	12	351-361	
Biodiversity	Sneller CH	2003	Impact of Transgenic Genotypes and Subdivision on Diversity within Elite North American Soybean Germplasm	Crop Science	43	409-414	
Biodiversity	Squire GR, Brooks DR, Bohan DA, Champion GT, Daniels RE	2003	On the rationale and interpretation of the Farm Scale Evaluations of genetically modified herbicide-tolerant crops	Philos. Trans. R. Soc. London B	358	1779	

Biodiversity	Squire GR, Brooks DR, Bohan DA, Champion GT, Daniels RE, Haughton AJ, Hawes C, Heard MS, Hill MO, May MJ, Osborne JL, Perry JN, Roy DB, Woilwood IP, Firbank LG	2003	On the rationale and interpretation of the Farm Scale Evaluations of genetically modified herbicide-tolerant crops	358	Philosophical Transactions of the Royal Society B: Biological Sciences	1779-1799	<a href="http://dx.doi.org/10.1098/rstb.2003.1403">http://dx.doi.org/10.1098/rstb.2003.1403</a>
Biodiversity	Stotzky G, Saxena D	2003	Fate and Effects in Soil of the Insecticidal Toxins from <i>Bacillus thuringiensis</i> in transgenic plants	1	Collection of Biosafety Reviews	Sep-85	
Biodiversity	Tomov BW, Bernal JS, Vinson SB	2003	Impacts of transgenic sugarcane expressing GNA lectin on parasitism of Mexican rice borer by <i>Paralithogas pyralophagus</i> (Marsh) (Hymenoptera: Braconidae)	32	Environ. Entomol.	866	
Biodiversity	Volkmar C, Hussein ML, Jany D, Hunold J, Richter L	2003	Ecological studies on epigeous arthropod populations of transgenic sugar beet at Friemar (Thuringia, Germany)	95	Agric. Ecosyst. Environ.	37	
Biodiversity	Wu K, Guo Y	2003	Influences of <i>Bacillus thuringiensis</i> Berliner Cotton Planting on Population Dynamics of the Cotton Aphid, <i>Aphis gossypii</i> Glover, in Northern China	32	Environmental Entomology	312-318	<a href="http://dx.doi.org/10.1603/0046-225X-32.2.312">http://dx.doi.org/10.1603/0046-225X-32.2.312</a>
Biodiversity	Zwahlen C, Hilbeck A, Gugerli P, Nentwig W	2003	Degradation of the Cry1Ab protein within transgenic <i>Bacillus thuringiensis</i> corn tissue in the field	12	Molecular Ecology	765-775	
Biodiversity	Zwahlen C, Hilbeck A, Howald R, Nentwig W	2003	Effects of transgenic Bt corn litter on the earthworm <i>Lumbricus terrestris</i>	12	Molecular Ecology	1077-1086	<a href="http://dx.doi.org/10.1046/j.1365-294X.2003.01799.x">http://dx.doi.org/10.1046/j.1365-294X.2003.01799.x</a>
Biodiversity	Anderson PL, Hellmich RL, Sears MK, Sumerford DV, Lewis LC	2004	Effects of Cry1Ab-Expressing Corn Anthers on Monarch Butterfly Larvae	33	Environmental Entomology	1109-1115	<a href="http://dx.doi.org/10.1603/0046-225X-33.4.1109">http://dx.doi.org/10.1603/0046-225X-33.4.1109</a>
Biodiversity	Benedict JH, Ring DR	2004	Transgenic crops expressing Bt proteins: Current status, challenges and outlook		Transgenic Crop Protection: Concepts and Strategies	15-84	
Biodiversity	Blackwood CB, Buyer JS	2004	Soil Microbial Communities Associated with Bt and Non-Bt Corn in Three Soils	33	J. Environ. Qual.	832-836	
Biodiversity	Brusetti L, Fracia P, Bertolini C, Pagliuca ASB	2004	Bacterial communities associated with the rhizosphere of transgenic Bt 176 maize ( <i>Zea mays</i> ) and its non-transgenic counterpart	266	Plant Soil.	11	
Biodiversity	Candolfi MP, Brown K, Grimm C, Reber B, Schmidli H	2004	A faunistic approach to assess potential side-effects of genetically modified Bt-Corn on non-target arthropods under field conditions	14	Biocontrol Science and Technology	129-170	<a href="http://dx.doi.org/10.1080/09583150310001655701">http://dx.doi.org/10.1080/09583150310001655701</a>
Biodiversity	Carter ME, Villani MG, Allee LL, Losey JE	2004	Absence of non-target effects of two <i>Bacillus thuringiensis</i> coleopteran active $\delta$ -endotoxins on the bulb mite, <i>Rhizoglyphus robini</i> (Claparède) (Acari, Acaridae)	128	Journal of Applied Entomology	56-63	<a href="http://dx.doi.org/10.1046/j.1439-0418.2003.00788.x">http://dx.doi.org/10.1046/j.1439-0418.2003.00788.x</a>
Biodiversity	De Maagd RA	2004	Biotechnology meets ecology		Genomics for Biosafety in Plant Biotechnology	117-131	
Biodiversity	Devare MH, Jones CM, Thies JE	2004	Effect of Cry3Bb Transgenic Corn and Tefluthrin on the Soil Microbial Community: Biomass, Activity, and Diversity	33	J. Environ. Qual.	837-843	
Biodiversity	Dively GP, Rose R, Sears MK, Hellmich RL, Stanley-Horn DE, Calvin DD, Russo JM, Anderson PL	2004	Effects on Monarch Butterfly Larvae (Lepidoptera: Danaidae) After Continuous Exposure to Cry1Ab-Expressing Corn During Anthesis	33	Environmental Entomology	1116-1125	<a href="http://dx.doi.org/10.1603/0046-225X-33.4.1116">http://dx.doi.org/10.1603/0046-225X-33.4.1116</a>
Biodiversity	Duan JJ, Head G, Jensen A, Reed G	2004	Effects of Transgenic <i>Bacillus thuringiensis</i> Potato and Conventional Insecticides for Colorado Potato Beetle (Coleoptera: Chrysomelidae) Management on the Abundance of Ground-Dwelling Arthropods in Oregon Potato Ecosystems	33	Environmental Entomology	275-281	<a href="http://dx.doi.org/10.1603/0046-225X-33.2.275">http://dx.doi.org/10.1603/0046-225X-33.2.275</a>
Biodiversity	Dunfield KE, Germida JJ	2004	Impact of genetically modified crops on soil- and plant-associated microbial communities	33	J Environ Qual	806-15	



Biodiversity	Freckleton RP, Stephens PA, Sutherland WJ, Watkinson AR	2004	Amelioration of biodiversity impacts of genetically modified crops: predicting transient versus long-term effects	Proceedings of the Royal Society. Series B: Biological Sciences	271	325-331	<a href="http://dx.doi.org/10.1098/rspb.2003.2603">http://dx.doi.org/10.1098/rspb.2003.2603</a>
Biodiversity	Holland JM	2004	The environmental consequences of adopting conservation tillage in Europe: reviewing the evidence	Agriculture, Ecosystems & Environment	103	Jan-25	<a href="http://dx.doi.org/10.1016/j.agee.2003.12.018">http://dx.doi.org/10.1016/j.agee.2003.12.018</a>
Biodiversity	Huang ZY, Hanley AV, Pett WL, Langenberger M, Duan JJ	2004	Field and semifield evaluation of impacts of transgenic canola pollen on survival and development of worker honey bees	Journal of Economic Entomology	97	1517-1523	
Biodiversity	Ito A, Sasaguri Y, Kitada S, Kusaka Y, Kuwano K, Masutomi K, Mizuki E, Akao T, Ohba M	2004	A <i>Bacillus thuringiensis</i> crystal protein with selective cytosolic action to human cells	Journal of Biological Chemistry	279	21282-21286	
Biodiversity	Jung HG, Sheaffer CC	2004	Influence of Bt transgenes on cell wall lignification and digestibility of maize stover for silage	Crop Science	44	1781-1789	
Biodiversity	Kain WC, Zhao J-Z, Janmaat AF, Myers J, Shelton AM, Wang P	2004	Inheritance of Resistance to <i>Bacillus thuringiensis</i> Cry1Ac Toxin in a Greenhouse-Derived Strain of Cabbage Looper (Lepidoptera: Noctuidae)	Journal of Economic Entomology	97	2073-2078	<a href="http://dx.doi.org/10.1603/0022-0499-97.6.2073">http://dx.doi.org/10.1603/0022-0499-97.6.2073</a>
Biodiversity	Li H, González-Cabrera J, Oppert B, Ferré J, Higgins RA, Buschman LL, Radke GA, Zhu KY, Huang F	2004	Binding analyses of Cry1Ab and Cry1Ac with membrane vesicles from <i>Bacillus thuringiensis</i> -resistant and -susceptible <i>Ostrinia nubilalis</i>	Biochemical and Biophysical Research Communications	323	52-57	<a href="http://dx.doi.org/10.1016/j.bbrc.2004.08.054">http://dx.doi.org/10.1016/j.bbrc.2004.08.054</a>
Biodiversity	Lumbierres B, Albajes R, Pons X	2004	Transgenic Bt maize and <i>Rhopalosiphum padi</i> (Hom., Aphididae) performance	Ecological Entomology	29	309-317	<a href="http://dx.doi.org/10.1111/j.0307-6946.2004.00597.x">http://dx.doi.org/10.1111/j.0307-6946.2004.00597.x</a>
Biodiversity	Lundgren JG, Wiedenmann RN	2004	Nutritional suitability of corn pollen for the predator <i>Coleomegilla maculata</i> (Coleoptera: Coccinellidae)	Journal of Insect Physiology	50	567-575	<a href="http://dx.doi.org/10.1016/j.jinsphys.2004.04.003">http://dx.doi.org/10.1016/j.jinsphys.2004.04.003</a>
Biodiversity	Matone LA, Todd JH, Burgess EPJ, Christeller JT	2004	Development of hypopharyngeal glands in adult honey bees fed with a Bt toxin, a biotin-binding protein and a protease inhibitor	Apidologie	35	655-664	<a href="http://dx.doi.org/10.1051/apido:2004063">http://dx.doi.org/10.1051/apido:2004063</a>
Biodiversity	Manachini B, Landi S, Fiore MC, Festa M, Arpaia S	2004	First investigations on the effects of Bt-transgenic <i>Brassica napus</i> L on the trophic structure of the nematofauna	IOBC Wprs Bulletin	27	103-108	
Biodiversity	Mason P, Braun L, Warwick SJ, Zhu B, C. Neal Stewart J	2004	Transgenic Bt-producing <i>Brassica napus</i> : <i>Plutella xylostella</i> selection pressure and fitness of weedy relatives	Environmental Biosafety Research	2	263-276	<a href="http://dx.doi.org/10.1051/embr:2003016">http://dx.doi.org/10.1051/embr:2003016</a>
Biodiversity	Men X, Ge F, Edwards C, Yardim E	2004	Influence of pesticide applications on pest and predatory arthropods associated with transgenic cotton and nontransgenic cotton plants	Phytoparasitica	32	246-254	<a href="http://dx.doi.org/10.1007/bf02979819">http://dx.doi.org/10.1007/bf02979819</a>
Biodiversity	Motavalli PP, Kremer RJ, Fang M, Means NE	2004	Impact of genetically modified crops and their management on soil microbially mediated plant nutrient transformations	Journal of Environmental Quality	33	816-824	
Biodiversity	O'Callaghan M, Gerard EM, Waipara NW, Young SD, Glare TR	2004	Microbial communities of <i>Solanum tuberosum</i> and magainin-producing transgenic lines	Plant Soil.	266	47	
Biodiversity	O'Callaghan M, Glare TR, Burgess EPJ, Malone LA	2004	EFFECTS OF PLANTS GENETICALLY MODIFIED FOR INSECT RESISTANCE ON NONTARGET ORGANISMS	Annual Review of Entomology	50	271-292	<a href="http://dx.doi.org/10.1146/annurev.ento.50.071803.130352">http://dx.doi.org/10.1146/annurev.ento.50.071803.130352</a>
Biodiversity	Romeis J, Dutton A, Bigler F	2004	<i>Bacillus thuringiensis</i> toxin (Cry1Ab) has no direct effect on larvae of the green lacewing <i>Chrysoperla carnea</i> (Stephens) (Neuroptera: Chrysopidae)	Journal of Insect Physiology	50	175-183	<a href="http://dx.doi.org/10.1016/j.jinsphys.2003.11.004">http://dx.doi.org/10.1016/j.jinsphys.2003.11.004</a>
Biodiversity	Saxena D, Stewart CN, Altaoara I, Shu Q, Stotzky G	2004	Larvicidal Cry proteins from <i>Bacillus thuringiensis</i> are released in root exudates of transgenic B. <i>thuringiensis</i> corn, potato, and rice but not of B. <i>thuringiensis</i> canola, cotton, and tobacco	Plant Physiology and Biochemistry	42	383-387	

Biodiversity	Sayed AH, Raymond B, Ibizza-Palacios MS, Escriche B, Wright DJ	2004	Genetic and Biochemical Characterization of Field-Evolved Resistance to Bacillus thuringiensis Toxin Cry1Ac in the Diamondback Moth, <i>Plutella xylostella</i>	Applied and Environmental Microbiology	70	7010-7017	<a href="http://dx.doi.org/10.1128/aem.70.12.7010-7017.2004">http://dx.doi.org/10.1128/aem.70.12.7010-7017.2004</a>
Biodiversity	Schuler TH, Denholm I, Clark SJ, Stewart CN, Poppy GM	2004	Effects of Bt plants on the development and survival of the parasitoid <i>Cotesia plutellae</i> (Hymenoptera: Braconidae) in susceptible and Bt-resistant larvae of the diamondback moth, <i>Plutella xylostella</i> (Lepidoptera: Plutellidae)	Journal of Insect Physiology	50	435-443	<a href="http://dx.doi.org/10.1016/j.jinsphys.2004.03.001">http://dx.doi.org/10.1016/j.jinsphys.2004.03.001</a>
Biodiversity	Sisterson MS, Biggs RW, Olson C, Carrière Y, Dennehy TJ, Tabashnik BE	2004	Arthropod Abundance and Diversity in Bt and Non-Bt Cotton Fields	Environmental Entomology	33	921-929	<a href="http://dx.doi.org/10.1603/0046-225x.33.4.921">http://dx.doi.org/10.1603/0046-225x.33.4.921</a>
Biodiversity	Stotzky G	2004	Persistence and biological activity in soil of the insecticidal proteins from <i>Bacillus thuringiensis</i> , especially from transgenic plants	Plant Soil.	266	77	
Biodiversity	Tabashnik BE, Carrière Y	2004	Bt transgenic crops do not have favorable effects on resistant insects	Journal of Insect Science	4		
Biodiversity	Tóth F, Árpás K, Szekeres D, Kádár F, Szentkirályi F, Szénási A, Kiss J	2004	Spider web survey or whole plant visual sampling? Impact assessment of Bt corn on non-target predatory insects with two concurrent methods	Environmental Biosafety Research	3	225-231	
Biodiversity	Turrini A, Sbrana C, Nuti MP, Pietrangeli B, Giovannetti M	2004	Development of a model system to assess the impact of genetically modified corn and aubergine plants on arbuscular mycorrhizal fungi	Plant Soil.	266	69	
Biodiversity	Wei-Xiang W, Qing-Fu Y, Hang M, Xue-Jun D, Wen-Ming J	2004	Bt-transgenic rice straw affects the culturable microbiota and dehydrogenase and phosphatase activities in a flooded paddy soil	Soil Biology and Biochemistry	36	289-295	
Biodiversity	Wu WX, Ye QF, Min H	2004	Effect of straws from Bt-transgenic rice on selected biological activities in water-flooded soil	European Journal of Soil Biology	40	15-22	
Biodiversity	Zablotowicz RM, Reddy KN	2004	Impact of glyphosate on the <i>Bradyrhizobium japonicum</i> symbiosis with glyphosate-resistant transgenic soybean: a minireview	J Environ Qual	33	825-31	
Biodiversity	Ahmad A, Wilde GE, Kun YZ	2005	Detectability of coleopteran-specific Cry3Bb1 protein in soil and its effect on nontarget surface and below-ground arthropods	Environmental Entomology	34	385-394	
Biodiversity	Ahmad A, Wilde GE, Zhu KY	2005	Detectability of Coleopteran-specific Cry3Bb1 Protein in Soil and Its Effect on Nontarget Surface and Below-Ground Arthropods	Environmental Entomology	34	385-394	<a href="http://dx.doi.org/10.1603/0046-225x.34.2.385">http://dx.doi.org/10.1603/0046-225x.34.2.385</a>
Biodiversity	Ammann K	2005	Effects of biotechnology on biodiversity: herbicide-tolerant and insect-resistant GM crops	Trends Biotechnol	23	388-94	
Biodiversity	Árpás K, Tóth F, Kiss J	2005	Foliage-dwelling arthropods in Bt-transgenic and isogenic maize: a comparison through spider web analysis	Acta Phytopathologica et Entomologica Hungarica	40	347-353	<a href="http://dx.doi.org/10.1556/APhYt.40.2005.3-4.16">http://dx.doi.org/10.1556/APhYt.40.2005.3-4.16</a>
Biodiversity	Babendreier D, Kalberer NM, Romeis J, Fluri P, Mulligan E, Bigler F	2005	Influence of Bt-transgenic pollen, Bt-toxin and protease inhibitor (SBTI) ingestion on development of the hypopharyngeal glands in honeybees	Apidologie	36	585-594	<a href="http://dx.doi.org/10.1051/apido:2005049">http://dx.doi.org/10.1051/apido:2005049</a>
Biodiversity	Bai YY, Jiang MX, Cheng JA	2005	Effects of transgenic cry1Ab rice pollen on fitness of <i>Propytea japonica</i> (Thunberg)	Journal of Pest Science	78	123-128	<a href="http://dx.doi.org/10.1007/s10340-004-0078-x">http://dx.doi.org/10.1007/s10340-004-0078-x</a>

Biodiversity	Baumgarte S, Tebbe CC	2005	Field studies on the environmental fate of the Cry1Ab Bt - toxin produced by transgenic maize (MON810) and its effect on bacterial communities in the maize rhizosphere	Molecular Ecology	14	2539-2551	<a href="http://dx.doi.org/10.1111/j.1365-294X.2005.02592.x">http://dx.doi.org/10.1111/j.1365-294X.2005.02592.x</a>
Biodiversity	Baumgarte S, Tebbe CC	2005	Field studies on the environmental fate of the Cry1Ab Bt-toxin produced by transgenic maize (MON810) and its effect on bacterial communities in the maize rhizosphere	Molecular Ecology	14	2539-2551	
Biodiversity	Bhatti MA, Duan J, Head G, Jiang C, McKee MJ, Nickson TE, Pilcher CL, Pilcher CD	2005	Field Evaluation of the Impact of Corn Rootworm (Coleoptera: Chrysomelidae)-Protected Bt Corn on Ground-Dwelling Invertebrates	Environmental Entomology	34	1325-1335	<a href="http://dx.doi.org/10.1603/0046-225X(2005)034[1325:feotio]2.0.co;2">http://dx.doi.org/10.1603/0046-225X(2005)034[1325:feotio]2.0.co;2</a>
Biodiversity	Bhatti MA, Duan J, Head GP, Jiang C, McKee MJ, Nickson TE, Pilcher CL, Pilcher CD	2005	Field Evaluation of the Impact of Corn Rootworm (Coleoptera: Chrysomelidae)-Protected Bt Corn on Foliage-Dwelling Arthropods	Environmental Entomology	34	1336-1345	<a href="http://dx.doi.org/10.1603/0046-225X(2005)034[1336:feotio]2.0.co;2">http://dx.doi.org/10.1603/0046-225X(2005)034[1336:feotio]2.0.co;2</a>
Biodiversity	Bitzer RJ, Rice ME, Pilcher CD, Pilcher CL, Lam W-kf	2005	Biodiversity and Community Structure of Epedaphic and Euedaphic Springtails (Collembola) in Transgenic Rootworm Bt Corn	Environmental Entomology	34	1346-1376	<a href="http://dx.doi.org/10.1603/0046-225X(2005)034[1346:bacsos]2.0.co;2">http://dx.doi.org/10.1603/0046-225X(2005)034[1346:bacsos]2.0.co;2</a>
Biodiversity	Bohan DA, Boffey CWH, Brooks DR, Clark S, Dewar AM, Firbank LG, Houghton AJ, Hawes C, Heard MS, May MJ, Osborne JL, Perry JN, Rothery P, Roy DB, Scott RJ, Squire GR, Woivod IP, Champion GT	2005	Effects on weed and invertebrate abundance and diversity of herbicide management in genetically modified herbicide-tolerant winter-sown oilseed rape	Proceedings of the Royal Society B: Biological Sciences	272	463-474	<a href="http://dx.doi.org/10.1098/rspb.2004.3049">http://dx.doi.org/10.1098/rspb.2004.3049</a>
Biodiversity	Brimmer TA, Gallivan GJ, Stephenson GR	2005	Influence of herbicide-resistant canola on the environmental impact of weed management	Pest Management Science	61	47-52	<a href="http://dx.doi.org/10.1002/ps.967">http://dx.doi.org/10.1002/ps.967</a>
Biodiversity	Bruseti L, Francia P, Bertolini C, Pagliuca A, Borin S, Sorlini C, Abruzzese A, Sacchi G, Viti C, Giovannetti L, Giuntini E, Bazzicalupo M, Daffonchio D	2005	Bacterial communities associated with the rhizosphere of transgenic Bt 176 maize (Zea mays) and its non transgenic counterpart	Plant and Soil	266	Nov-21	
Biodiversity	Castaldini M, Turriani A, Sbrana C, Benedetti A, Marchionni M, Mocali S, Fabiani A, Landi S, Santomassimo F, Pietrangeli B, Nuti MP, Miclaus N, Giovannetti M	2005	Impact of Bt Corn on Rhizospheric and Soil Eubacterial Communities and on Beneficial Mycorrhizal Symbiosis in Experimental Microcosms	Appl Environ Microbiol	71	6719-6729	
Biodiversity	Clark BW, Phillips TA, Coats JR	2005	Environmental Fate and Effects of Bacillus thuringiensis (Bt) Proteins from Transgenic Crops: a Review	Journal of agricultural and food chemistry	53	4643-4653	<a href="http://dx.doi.org/10.1021/jf040442k">http://dx.doi.org/10.1021/jf040442k</a>
Biodiversity	Daly T, Buntin GD	2005	Effect of Bacillus thuringiensis Transgenic Corn for Lepidopteran Control on Nontarget Arthropods	Environmental Entomology	34	1292-1301	<a href="http://dx.doi.org/10.1603/0046-225X(2005)034[1292:eobttc]2.0.co;2">http://dx.doi.org/10.1603/0046-225X(2005)034[1292:eobttc]2.0.co;2</a>
Biodiversity	de la Poza M, Pons X, Fariñós GP, López C, Ortego F, Elizaguirre M, Castañera P, Albajes R	2005	Impact of farm-scale Bt maize on abundance of predatory arthropods in Spain	Crop Protection	24	677-684	<a href="http://dx.doi.org/10.1016/j.cropro.2004.12.003">http://dx.doi.org/10.1016/j.cropro.2004.12.003</a>
Biodiversity	Dively GP	2005	Impact of Transgenic VIP3A Cry1Ab Lepidopteran-resistant Field Corn on the Nontarget Arthropod Community	Environmental Entomology	34	1267-1291	
Biodiversity	Douville M, Gagné F, Masson L, McKay J, Blaise C	2005	Tracking the source of Bacillus thuringiensis Cry1Ab endotoxin in the environment	Biochemical Systematics and Ecology	33	219-232	
Biodiversity	Dubelman S, Ayden BR, Bader BM, Brown CR, Jiang C, Vlachos D	2005	Cry1Ab Protein Does Not Persist in Soil After 3 Years of Sustained Bt Corn Use	Environmental Entomology	34	915-921	<a href="http://dx.doi.org/10.1603/0046-225X-34-4-915">http://dx.doi.org/10.1603/0046-225X-34-4-915</a>
Biodiversity	Dutton A, Romeis J, Bigler F	2005	Effects of Bt maize expressing Cry1Ab and Bt spray on Spodoptera littoralis	Entomologia Experimentalis et Applicata	114	161-169	
Biodiversity	Fang M, Kremer RJ, Motavalli PP, Davis G	2005	Bacterial Diversity in Rhizospheres of Nontransgenic and Transgenic Corn	Appl Environ Microbiol	71	4132-4136	

Biodiversity	Flores S,Saxena D,Statzky G	2005	Transgenic Bt plants decompose less in soil than non-Bt plants	Soil Biology and Biochemistry	37	1073-1082	
Biodiversity	Griffiths BS,Caul S,Thompson J,Birch ANE,Scrimgeour C,Andersen MN,Cortet J,Messéan A,Sausse C,Lacroix B,Krogh PH	2005	A Comparison of Soil Microbial Community Structure, Protozoa and Nematodes in Field Plots of Conventional and Genetically Modified Maize Expressing the $\epsilon$ -CryIAb Toxin	Plant and Soil	275	135-146	<a href="http://dx.doi.org/10.1007/s1104-005-1093-2">http://dx.doi.org/10.1007/s1104-005-1093-2</a>
Biodiversity	Griffiths BS,Caul S,Thompson J,Birch ANE,Scrimgeour C,Andersen MN,Cortet J,Messéan A,Sausse C,Lacroix B,Krogh PH	2005	A comparison of soil microbial community structure, protozoa and nematodes in field plots of conventional and genetically modified maize expressing the Bacillus thuringiensis is CryIAb toxin	Plant and Soil	275	135-146	
Biodiversity	Hagerty AM,Kilpatrick AL,Turnipseed SG,Sullivan MJ,Bridges WC	2005	Predaceous Arthropods and Lepidopteran Pests on Conventional, Bollgard, and Bollgard II Cotton Under Untreated and Disrupted Conditions	Environmental Entomology	34	105-114	<a href="http://dx.doi.org/10.1603/0046-225x-34.1.105">http://dx.doi.org/10.1603/0046-225x-34.1.105</a>
Biodiversity	Head G,Moar W,Eubanks M,Freeman B,Ruberson J,Hagerty A,Turnipseed S	2005	A Multiyear, Large-Scale Comparison of Arthropod Populations on Commercially Managed Bt and Non-Bt Cotton Fields	Environmental Entomology	34	1257-1266	<a href="http://dx.doi.org/10.1603/0046-225x(2005)034[1257:amlcoa]2.0.co;2">http://dx.doi.org/10.1603/0046-225x(2005)034[1257:amlcoa]2.0.co;2</a>
Biodiversity	Heard MS,Rothery P,Perry JN,Firbank LG	2005	Predicting longer-term changes in weed populations under GMHT crop management	Weed Research	45	331-338	<a href="http://dx.doi.org/10.1111/j.1365-3180.2005.00465.x">http://dx.doi.org/10.1111/j.1365-3180.2005.00465.x</a>
Biodiversity	Hsieh Y-T,Pan T-M	2005	Influence of Planting Papaya Ringspot Virus Resistant Transgenic Papaya on Soil Microbial Biodiversity	J. Agric. Food Chem.	54	130-137	<a href="http://dx.doi.org/10.1021/jf051999i">http://dx.doi.org/10.1021/jf051999i</a>
Biodiversity	Kalushkov P,Nedved O	2005	Genetically modified potatoes expressing Cry 3A protein do not affect aphidophagous coccinellids	Journal of Applied Entomology	129	401-406	<a href="http://dx.doi.org/10.1111/j.1439-0418.2005.00987.x">http://dx.doi.org/10.1111/j.1439-0418.2005.00987.x</a>
Biodiversity	Ammann K	2005	Effects of biotechnology on biodiversity: herbicide-tolerant and insect-resistant GM crops	Trends in Biotechnology	23	388-394	<a href="http://dx.doi.org/10.1016/j.tibtech.2005.06.008">http://dx.doi.org/10.1016/j.tibtech.2005.06.008</a>
Biodiversity	Li H,Oppert B,Higgins RA,Huang F,Buschman LL,Zhu Ky	2005	Susceptibility of Dipel-Resistant and -Susceptible <i>Ostrinia nubilalis</i> (Lepidoptera: Crambidae) to Individual Bacillus thuringiensis Prototoxins	Journal of Economic Entomology	98	1333-1340	<a href="http://dx.doi.org/10.1603/0022-0493-98.4.1333">http://dx.doi.org/10.1603/0022-0493-98.4.1333</a>
Biodiversity	Li W,Wu K,Wang X,Wang G,Guo Y	2005	Impact of Pollen Grains from Bt Transgenic Corn on the Growth and Development of Chinese Tussah Silkworm, <i>Antheraea pernyi</i> (Lepidoptera: Saturniidae)	Environmental Entomology	34	922-928	<a href="http://dx.doi.org/10.1603/0046-225x-34.4.922">http://dx.doi.org/10.1603/0046-225x-34.4.922</a>
Biodiversity	Liu B,Xu C,Yan F,Gong R	2005	The Impacts of the Pollen of Insect-resistant Transgenic Cotton on Honeybees	Biodiversity and Conservation	14	3487-3496	<a href="http://dx.doi.org/10.1007/s10531-004-0824-7">http://dx.doi.org/10.1007/s10531-004-0824-7</a>
Biodiversity	Liu B,Zeng Q,Yan F,Xu H,Xu C	2005	Effects of transgenic plants on soil microorganisms	Plant and Soil	271	Jan-13	
Biodiversity	Liu X,Zhang Q,Zhao J-Z,Cai Q,Xu H,Li J	2005	Effects of the Cry1Ac toxin of Bacillus thuringiensis on Microplitis mediator, a parasitoid of the cotton bollworm, <i>Helicoverpa armigera</i>	Entomologia Experimentalis et Applicata	114	205-213	<a href="http://dx.doi.org/10.1111/j.1570-7458.2005.00248.x">http://dx.doi.org/10.1111/j.1570-7458.2005.00248.x</a>
Biodiversity	Liu XD,Zhai BP,Zhang XX,Zong JM	2005	Impact of transgenic cotton plants on a non-target pest, <i>Aphis gossypii</i> Glover	Ecological Entomology	30	307-315	<a href="http://dx.doi.org/10.1111/j.0307-6946.2005.00690.x">http://dx.doi.org/10.1111/j.0307-6946.2005.00690.x</a>
Biodiversity	Liu X-X,Sun C-G,Zhang Q-W	2005	Effects of transgenic Cry1A+CpTI cotton and Cry1Ac toxin on the parasitoid, <i>Campoketis chloridae</i> (Hymenoptera: Ichneumonidae)	Insect Science	12	101-107	<a href="http://dx.doi.org/10.1111/j.1744-7917.2005.00012.x">http://dx.doi.org/10.1111/j.1744-7917.2005.00012.x</a>
Biodiversity	Liu X-x,Zhang Q-w,Zhao J-Z,Li J-c,Xu B-l,Ma X-m	2005	Effects of Bt transgenic cotton lines on the cotton bollworm parasitoid <i>Microplitis mediator</i> in the laboratory	Biological Control	35	134-141	<a href="http://dx.doi.org/10.1016/j.biocontrol.2005.08.006">http://dx.doi.org/10.1016/j.biocontrol.2005.08.006</a>
Biodiversity	Lopez MD,Prasifka JR,Bruck DJ,Lewis LC	2005	Utility of Ground Beetle Species in Field Tests of Potential Nontarget Effects of Bt Crops	Environmental Entomology	34	1317-1324	<a href="http://dx.doi.org/10.1603/0046-225x(2005)034[1317:uogbsi]2.0.co;2">http://dx.doi.org/10.1603/0046-225x(2005)034[1317:uogbsi]2.0.co;2</a>

Biodiversity	Lóvei GI, Arpaia S	2005	The impact of transgenic plants on natural enemies: a critical review of laboratory studies	Entomologia Experimentalis et Applicata	114	Jan-14	<a href="http://dx.doi.org/10.1111/j.0013-8703.2005.00235.x">http://dx.doi.org/10.1111/j.0013-8703.2005.00235.x</a>
Biodiversity	Lundgren JG, Wiedenmann RN	2005	Tritrophic interactions Among Bt (Cry3Bb1) Corn, Aphid Prey, and the Predator <i>Coleomegilla maculata</i> (Coleoptera: Coccinellidae)	Environmental Entomology	34	1621-1625	<a href="http://dx.doi.org/10.1603/0046-225x.34.6.1621">http://dx.doi.org/10.1603/0046-225x.34.6.1621</a>
Biodiversity	Mattila HR, Sears MK, Duan JJ	2005	Response of <i>Danaus plexippus</i> to pollen of two new Bt corn events via laboratory bioassay	Entomologia Experimentalis et Applicata	116	31-41	<a href="http://dx.doi.org/10.1111/j.1570-7458.2005.00304.x">http://dx.doi.org/10.1111/j.1570-7458.2005.00304.x</a>
Biodiversity	Mehlo L, Gahakwa D, Nghia PT, Loc NT, Capell T, Gatehouse JA, Gatehouse AMR, Christou P	2005	An alternative strategy for sustainable pest resistance in genetically enhanced crops	PNAS	102	7812-7816	
Biodiversity	Meissie M, Lang A	2005	Comparing methods to evaluate the effects of Bt maize and insecticide on spider assemblages	Agriculture, Ecosystems & Environment	107	359-370	<a href="http://dx.doi.org/10.1016/j.agee.2004.12.007">http://dx.doi.org/10.1016/j.agee.2004.12.007</a>
Biodiversity	Meissie M, Vojtech E, Poppy GM	2005	Effects of Bt maize-fed prey on the generalist predator <i>Poecilus cupreus</i> L. (Coleoptera: Carabidae)	Transgenic Research	14	123-132	
Biodiversity	Men X, Ge F, Edwards CA, Yardim EN	2005	The influence of pesticide applications on <i>Helicoverpa armigera</i> Hubner and sucking pests in transgenic Bt cotton and non-transgenic cotton in China	Crop Protection	24	319-324	<a href="http://dx.doi.org/10.1016/j.cropro.2004.08.006">http://dx.doi.org/10.1016/j.cropro.2004.08.006</a>
Biodiversity	Muchaonyerwa P, Walade S, Nyamugafata P, Mpepereki S, Ristori GG	2005	Persistence and impact on microorganisms of <i>Bacillus thuringiensis</i> proteins in some Zimbabwean soils	Plant and Soil	266	41-46	
Biodiversity	Mungai NW, Motavalli PP, Nelson KA, Kremer RJ	2005	Differences in yields, residue composition and N mineralization dynamics of Bt and non-Bt maize	Nutrient Cycling in Agroecosystems	73	101-109	
Biodiversity	Naranjo SE	2005	Long-Term Assessment of the Effects of Transgenic Bt Cotton on the Function of the Natural Enemy Community	Environmental Entomology	34	1211-1223	<a href="http://dx.doi.org/10.1603/0046-225x(2005)034[1211:laoteo]2.0.co;2">http://dx.doi.org/10.1603/0046-225x(2005)034[1211:laoteo]2.0.co;2</a>
Biodiversity	Naranjo SE	2005	Long-Term Assessment of the Effects of Transgenic Bt Cotton on the Abundance of Nontarget Arthropod Natural Enemies	Environmental Entomology	34	1193-1210	<a href="http://dx.doi.org/10.1603/0046-225x(2005)034[1193:laoteo]2.0.co;2">http://dx.doi.org/10.1603/0046-225x(2005)034[1193:laoteo]2.0.co;2</a>
Biodiversity	Obrist Lb, Klein H, Dutton A, Bigler F	2005	Effects of Bt maize on <i>Frankliniella tenuicornis</i> and exposure of thrips predators to prey-mediated Bt toxin	Entomologia Experimentalis et Applicata	115	409-416	<a href="http://dx.doi.org/10.1111/j.1570-7458.2005.00298.x">http://dx.doi.org/10.1111/j.1570-7458.2005.00298.x</a>
Biodiversity	O'Callaghan M, Glare TR, Burgess EP, Malone LA	2005	Effects of plants genetically modified for insect resistance on nontarget organisms	Annu Rev Entomol	50	271-92	
Biodiversity	O'Callaghan M, Glare TR, Burgess EP, J, Malone LA	2005	EFFECTS OF PLANTS GENETICALLY MODIFIED FOR INSECT RESISTANCE ON NONTARGET ORGANISMS	Annual Review of Entomology	50	271-292	<a href="http://dx.doi.org/doi:10.1146/annurev.ento.50.07.1803.130352">http://dx.doi.org/doi:10.1146/annurev.ento.50.07.1803.130352</a>
Biodiversity	Owen MDK, Zelaya IA	2005	Herbicide-resistant crops and weed resistance to herbicides	Pest Management Science	61	301-311	<a href="http://dx.doi.org/10.1002/ps.1015">http://dx.doi.org/10.1002/ps.1015</a>
Biodiversity	Plicher CD, Rice ME, Obyrcki JJ	2005	Impact of Transgenic <i>Bacillus thuringiensis</i> Corn and Crop Phenology on Five Nontarget Arthropods	Environmental Entomology	34	1302-1316	<a href="http://dx.doi.org/10.1603/0046-225x(2005)034[1302:iotbtoc]2.0.co;2">http://dx.doi.org/10.1603/0046-225x(2005)034[1302:iotbtoc]2.0.co;2</a>
Biodiversity	Poerschmann J, Gathmann A, Augustin J, Langer U, Górecki T	2005	Molecular composition of leaves and stems of genetically modified Bt and near-isogenic non-Bt maize - Characterization of lignin patterns	Journal of Environmental Quality	34	1508-1518	
Biodiversity	Pons X, Lumbierres B, Lopez C, Albajes R	2005	Abundance of non-target pests in transgenic Bt-maize: a farm scale study	European Journal of Entomology	102	73-79	
Biodiversity	Pont B, Nentwig W	2005	Quantification of Bt-protein digestion and excretion by the primary decomposer <i>Porcellio scaber</i> , fed with two Bt-corn varieties	Biocontrol Science and Technology	15	341-352	
Biodiversity	Qaim M, Traxler G	2005	Roundup Ready soybeans in Argentina: farm level and aggregate welfare effects	Agricultural Economics	32	73-86	<a href="http://dx.doi.org/10.1111/j.0169-5150.2005.00006.x">http://dx.doi.org/10.1111/j.0169-5150.2005.00006.x</a>

Biodiversity	Rui YK,YI GX,Zhao J,Wang BM,LI ZH,Zhai ZX,He ZP,LI QX	2005	Changes of Bt toxin in the rhizosphere of transgenic Bt cotton and its influence on soil functional bacteria	World Journal of Microbiology and Biotechnology	21	1279-1284	
Biodiversity	Schuler TH,Clark AJ,Clark SJ,Poppy GM,Stewart CN, Jr.,Denholm I	2005	Laboratory studies of the effects of reduced prey choice caused by Bt plants on a predatory insect	Bulletin of Entomological Research	95	243-247	
Biodiversity	Shirai Y,Takahashi M	2005	Effects of transgenic Bt corn pollen on a non-target lycaenid butterfly, <Pseudozizeeria maha>	Applied Entomology and Zoology	40	151-159	
Biodiversity	Stotzky G	2005	Persistence and biological activity in soil of the insecticidal proteins from <Bacillus thuringiensis>, especially from transgenic plants	Plant and Soil	266	77-89	<a href="http://dx.doi.org/10.1007/s1104-005-5945-6">http://dx.doi.org/10.1007/s1104-005-5945-6</a>
Biodiversity	Stotzky G	2005	Persistence and biological activity in soil of the insecticidal proteins from <i>Bacillus thuringiensis</i> , especially from transgenic plants	Plant and Soil	266	77-89	
Biodiversity	Strandberg B,Bruus Pedersen M,Elmegaard N	2005	Weed and arthropod populations in conventional and genetically modified herbicide tolerant fodder beet fields	Agriculture, Ecosystems & Environment	105	243-253	<a href="http://dx.doi.org/10.1016/j.agee.2004.03.005">http://dx.doi.org/10.1016/j.agee.2004.03.005</a>
Biodiversity	Tabashnik BE,Dennehy T J,Carnière Y	2005	Delayed Resistance to Transgenic Cotton in Pink Bollworm	Proceedings of the National Academy of Sciences of the United States of America	102	15389-15393	<a href="http://dx.doi.org/10.1073/pnas.0507857102">http://dx.doi.org/10.1073/pnas.0507857102</a>
Biodiversity	Torres JB,Ruberson JR	2005	Canopy- and Ground-Dwelling Predatory Arthropods in Commercial Bt and non-Bt Cotton Fields: Patterns and Mechanisms	Environmental Entomology	34	1242-1256	<a href="http://dx.doi.org/10.1603/0046-225x(2005)034[1242:cagpai]2.0.co;2">http://dx.doi.org/10.1603/0046-225x(2005)034[1242:cagpai]2.0.co;2</a>
Biodiversity	Tounou AK,Gounou S,Borgemeister C,Goumedzoe YMD,Schulthess F	2005	Susceptibility of <i>Eidana saccharina</i> (Lepidoptera: Pyralidae), <i>Busseola fusca</i> and <i>Sesamia calamitis</i> (Lepidoptera: Noctuidae) to <i>Bacillus thuringiensis</i> Cry toxins and potential side effects on the larval parasitoid <i>Cotesia sesamiae</i> (Hymenoptera: Braconidae)	Biocontrol Science and Technology	15	127-137	<a href="http://dx.doi.org/10.1080/09583150400015995">http://dx.doi.org/10.1080/09583150400015995</a>
Biodiversity	Turlings TC,J,Jeanbourquin PM,Held M,Degen T	2005	Evaluating the induced-odour emission of a Bt maize and its attractiveness to parasitic wasps	Transgenic Research	14	807-816	<a href="http://dx.doi.org/10.1007/s11248-005-0008-6">http://dx.doi.org/10.1007/s11248-005-0008-6</a>
Biodiversity	Turrini A,Sbrana C,Nuti MP,Pietrangeli BM,Giovannetti M	2005	Development of a model system to assess the impact of genetically modified corn and aubergine plants on arbuscular mycorrhizal fungi	Plant and Soil	266	69-75	
Biodiversity	Vojtech E,Meissle M,Poppy GM	2005	Effects of Bt maize on the herbivore <i>Spodoptera littoralis</i> (Lepidoptera: Noctuidae) and the parasitoid <i>Cotesia marginiventris</i> (Hymenoptera: Braconidae)	Transgenic Research	14	133-144	
Biodiversity	Whitehouse MEA,Wilson LJ,Fitt GP	2005	A Comparison of Arthropod Communities in Transgenic Bt and Conventional Cotton in Australia	Environmental Entomology	34	1224-1241	
Biodiversity	Wirth MC,Parik H-W,Walton WE,Federici BA	2005	Cy1A of <i>Bacillus thuringiensis</i> Delays Evolution of Resistance to Cry1A in the Mosquito <i>Culex quinquefasciatus</i>	Applied and Environmental Microbiology	71	185-189	<a href="http://dx.doi.org/10.1128/aem.71.1.185-189.2005">http://dx.doi.org/10.1128/aem.71.1.185-189.2005</a>
Biodiversity	Xie R,Zhuang M,Ross LS,Gomez I,Oltean DJ,Bravo A,Soberton M,Gill SS	2005	Single Amino Acid Mutations in the Cadherin Receptor from <i>Heliothis virescens</i> Affect Its Toxin Binding Ability to Cry1A Toxins	Journal of Biological Chemistry	280	8416-8425	<a href="http://dx.doi.org/10.1074/jbc.M408403200">http://dx.doi.org/10.1074/jbc.M408403200</a>
Biodiversity	Xue K,Luo HF,Qi HY,Zhang HX	2005	Changes in soil microbial community structure associated with two types of genetically engineered plants analyzing by PLFA	Journal of Environmental Sciences	17	130-134	

Biodiversity	Zemková Rovenská G, Zemek R, Schmidt JEU, Hilbeck A	2005	Altered host plant preference of <i>Tetranychus urticae</i> and prey preference of its predator <i>Phytoseiulus persimilis</i> (Acari: Tetranychidae, Phytoseiidae) on transgenic Cry3Bb-eggplants	Biological Control	33	293-300	<a href="http://dx.doi.org/10.1016/j.biocontrol.2005.03.017">http://dx.doi.org/10.1016/j.biocontrol.2005.03.017</a>
Biodiversity	Zhao J-Z, Cao J, Collins HL, Bates SL, Roush RT, Earle ED, Shelton AM	2005	Concurrent use of transgenic plants expressing a single and two <i>Bacillus thuringiensis</i> genes speeds insect adaptation to pyramided plants	Proceedings of the National Academy of Sciences of the United States of America	102	8426-8430	<a href="http://dx.doi.org/10.1073/pnas.0409324102">http://dx.doi.org/10.1073/pnas.0409324102</a>
Biodiversity	Accinelli C, Koskinen WC, Michael JS	2006	Influence of Cry1Ac Toxin on Mineralization and Bioavailability of Glyphosate in Soil	J Agric Food Chem	54	164-169	
Biodiversity	Adamczyk J, Hubbard D	2006	Changes in Populations of <i>Heliothis virescens</i> (F.) (Lepidoptera: Noctuidae) and <i>Helicoverpa zea</i> (Boddie) (Lepidoptera: Noctuidae) in the Mississippi Delta from 1986 to 2005 as indicated by adult male pheromone traps	J Cotton Sci	10	155-160	
Biodiversity	Ahmad A, Wilde GE, Whitworth RJ, Zolnerowich G	2006	Effect of corn hybrids expressing the coleopteran-specific cry3Bb1 protein for corn rootworm control on aboveground insect predators	Journal of Economic Entomology	99	1085-1095	
Biodiversity	Ahmad A, Wilde GE, Zhu KY	2006	Evaluation of Effects of Coleopteran-Specific Cry3Bb1 Protein on Earthworms Exposed to Soil Containing Corn Roots or Biomass	Environmental Entomology	35	976-985	<a href="http://dx.doi.org/10.1603/0046-225x-35.4.976">http://dx.doi.org/10.1603/0046-225x-35.4.976</a>
Biodiversity	Bai YY, Jiang MX, Cheng JA, Wang D	2006	Effects of Cry1Ab Toxin on <i>Propylea japonica</i> (Thunberg) (Coleoptera: Coccinellidae) Through Its Prey, <i>Niaparvata lugens</i> Stal (Homoptera: Delphacidae). Feeding on Transgenic Bt Rice	Environmental Entomology	35	1130-1136	<a href="http://dx.doi.org/10.1603/0046-225x-35.4.1130">http://dx.doi.org/10.1603/0046-225x-35.4.1130</a>
Biodiversity	Bakonyi G, Szira F, Kiss I, Viliányi J, Seres A, Székacs A	2006	Preference tests with collembolas on isogenic and Bt-maize	European Journal of Soil Biology	42	S132-S135	
Biodiversity	Broderick NA, Raffa KF, Handelsman J	2006	Mildgut bacteria required for <i>Bacillus thuringiensis</i> insecticidal activity	Proceedings of the National Academy of Sciences of the United States of America	103	15196-15199	
Biodiversity	Cattaneo MG, Yatuso C, Schmidt C, Huang C-y, Rahman M, Olson C, Eilers-Kirk C, Orr B, J, Marsh SE, Antilla L, Dutilleul P, Carrière Y	2006	Farm-scale evaluation of the impacts of transgenic cotton on biodiversity, pesticide use, and yield	Proceedings of the National Academy of Sciences	103	7571-7576	<a href="http://dx.doi.org/10.1073/pnas.0508312103">http://dx.doi.org/10.1073/pnas.0508312103</a>
Biodiversity	Chen M, Ye GY, Liu ZC, Yao HW, Chen XX, Shen ZC, Hu C, Datta SK	2006	Field Assessment of the Effects of Transgenic Rice Expressing a Fused Gene of cry1Ab and cry1Ac from <i>Bacillus thuringiensis</i> Berliner on Nontarget Planthopper and Leafhopper Populations	Environmental Entomology	35	127-134	<a href="http://dx.doi.org/10.1603/0046-225x-35.1.127">http://dx.doi.org/10.1603/0046-225x-35.1.127</a>
Biodiversity	Christou P, Capell T, Kohli A, Gatehouse JA, Gatehouse AMR	2006	Recent developments and future prospects in insect pest control in transgenic crops	Trends in Plant Science	11	302-308	<a href="http://dx.doi.org/DOI: 10.1016/j.tplants.2006.04.001">http://dx.doi.org/DOI: 10.1016/j.tplants.2006.04.001</a>
Biodiversity	Chu C-C, Natwick ET, López RL, Dessert JR, Henneberry TJ	2006	Pink bollworm moth (Lepidoptera: Gelechiidae) catches in the Imperial Valley, California from 1989 to 2003	Insect Science	13	469-475	<a href="http://dx.doi.org/10.1111/j.1744-7917.2006.00117.x">http://dx.doi.org/10.1111/j.1744-7917.2006.00117.x</a>
Biodiversity	Clark BW, Coats JR	2006	Subacute Effects of Cry1Ab Bt Corn Litter on the Earthworm <i>Eisenia fetida</i> and the Springtail <i>Folsomia candida</i>	Environmental Entomology	35	1121-1129	<a href="http://dx.doi.org/10.1603/0046-225x-35.4.1121">http://dx.doi.org/10.1603/0046-225x-35.4.1121</a>
Biodiversity	Clark BW, Prihoda KR, Coats JR	2006	Subacute effects of transgenic Cry1Ab <i>Bacillus thuringiensis</i> corn litter on the isopods <i>Trachelipus rathkii</i> and <i>Armadillidium nasatum</i>	Environmental Toxicology and Chemistry	25	2653-2661	
Biodiversity	Cortez J, Andersen MN, Caul S, Griffiths B, Joffe R, Lacroix B, Sausse C, Thompson J, Krogh PH	2006	Decomposition processes under Bt ( <i>Bacillus thuringiensis</i> ) maize: Results of a multi-site experiment	Soil Biology and Biochemistry	38	195-199	

Biodiversity	Dalecky A, Ponsard S, Bailey R, Pelissier C, Bourguet D	2006	Resistance Evolution to Bt Crops: Predispersal Mating of European Corn Borers	PLoS Biology	4		
Biodiversity	Duan JJ, Paradise MS, Lundgren JG, Bookout JT, Jiang C, Wiedenmann RN	2006	Assessing Nontarget Impacts of Bt Corn Resistant to Corn Rootworms: Tier-1 Testing with Larvae of <i>Poecilus chalcites</i> (Coleoptera: Carabidae)	Environmental Entomology	35	135-142	<a href="http://dx.doi.org/10.1603/0046-225x.35.1.135">http://dx.doi.org/10.1603/0046-225x.35.1.135</a>
Biodiversity	Eizaguirre M, Albajes R, López C, Eras J, Lumbierres B, Pons X	2006	Six Years after the Commercial Introduction of Bt Maize in Spain: Field Evaluation, Impact and Future Prospects	Transgenic Research	15	01-Dec	<a href="http://dx.doi.org/10.1007/s11248-005-3998-1">http://dx.doi.org/10.1007/s11248-005-3998-1</a>
Biodiversity	Ferry N, Edwards M, Gatehouse J, Capell T, Christou P, Gatehouse A	2006	Transgenic Plants for Insect Pest Control: A Forward Looking Scientific Perspective	Transgenic Research	15	13-19	
Biodiversity	Ferry N, Mulligan EA, Stewart CN, Tabashnik BE, Port GR, Gatehouse AMR	2006	Prey-mediated effects of transgenic canola on a beneficial, non-target, carabid beetle	Transgenic Research	15	501-514	<a href="http://dx.doi.org/10.1007/s11248-006-0021-4">http://dx.doi.org/10.1007/s11248-006-0021-4</a>
Biodiversity	Firbank LG, Rothery P, May MJ, Clark SJ, Scott RJ, Stuart RC, Boffey CWH, Brooks DR, Champion GT, Houghton AJ, Hawes C, Heard MS, Dewar AM, Perry JN, Squire GR	2006	Effects of genetically modified herbicide-tolerant cropping systems on weed seedbanks in two years of following crops	Biology Letters	2	140-143	<a href="http://dx.doi.org/10.1098/rsbl.2005.0390">http://dx.doi.org/10.1098/rsbl.2005.0390</a>
Biodiversity	Geng J-H, Shen Z-R, Song K, Zheng L	2006	Effect of Pollen of Regular Cotton and Transgenic Bt+CpTI Cotton on the Survival and Reproduction of the Parasitoid Wasp <i>Trichogramma chilonis</i> (Hymenoptera: Trichogrammatidae) in the Laboratory	Environmental Entomology	35	1661-1668	<a href="http://dx.doi.org/10.1603/0046-225x(2006)35[1661:eoportc]2.0.co;2">http://dx.doi.org/10.1603/0046-225x(2006)35[1661:eoportc]2.0.co;2</a>
Biodiversity	Gibbons DW, Bohan DA, Rothery P, Stuart RC, Houghton AJ, Scott RJ, Wilson JD, Perry JN, Clark SJ, Dawson RJG, Firbank LG	2006	Weed seed resources for birds in fields with contrasting conventional and genetically modified herbicide-tolerant crops	Proceedings of the Royal Society B: Biological Sciences	273	1921-1928	<a href="http://dx.doi.org/10.1098/rspb.2006.3522">http://dx.doi.org/10.1098/rspb.2006.3522</a>
Biodiversity	Griffiths BS, Caul S, Thompson J, Birch ANE, Scrimgeour C, Cortet J, Foggio A, Hackett CA, Krogh PH	2006	Soil microbial and faunal community responses to Bt maize and insecticide in two soils	Journal of Environmental Quality	35	734-741	
Biodiversity	Gutierrez AP, Adamczyk Jr JJ, Ponsard S, Ellis CK	2006	Physiologically based demographics of Bt cotton-pest interactions: II. Temporal refuges, natural enemy interactions	Ecological Modelling	191	360-382	<a href="http://dx.doi.org/10.1016/j.ecolmodel.2005.06.002">http://dx.doi.org/10.1016/j.ecolmodel.2005.06.002</a>
Biodiversity	Harris MO, Markwick N, Sandanayake M	2006	Is Resistance to <i>Bacillus thuringiensis</i> Endotoxin Cry1Ac Associated with a Change in the Behavior of Light Brown Apple Moth Larvae (Lepidoptera: Tortricidae)?	Journal of Economic Entomology	99	508-518	<a href="http://dx.doi.org/10.1603/0022-0493-99.2.508">http://dx.doi.org/10.1603/0022-0493-99.2.508</a>
Biodiversity	Harwood JD, Obyrick JJ	2006	The detection and decay of Cry1Ab Bt-endotoxins within non-target slugs, <i>Deroceras reticulatum</i> (Mollusca: Pulmonata), following consumption of transgenic corn	Biocontrol Science and Technology	16	77-88	<a href="http://dx.doi.org/10.1080/09583150500257216">http://dx.doi.org/10.1080/09583150500257216</a>
Biodiversity	Heckmann LH, Griffiths BS, Caul S, Thompson J, Pusztai-Carey M, Moar WJ, Andersen MN, Krogh PH	2006	Consequences for <i>Protophthora armata</i> (Collembola: Onychiuridae) following exposure to genetically modified <i>Bacillus thuringiensis</i> (Bt) maize and non-Bt maize	Environmental Pollution	142	212-216	
Biodiversity	Heckmann L-H, Griffiths BS, Caul S, Thompson J, Pusztai-Carey M, Moar WJ, Andersen MN, Krogh PH	2006	Consequences for <i>Protophthora armata</i> (Collembola: Onychiuridae) following exposure to genetically modified <i>Bacillus thuringiensis</i> (Bt) maize and non-Bt maize	Environmental Pollution	142	212-216	<a href="http://dx.doi.org/10.1016/j.envpol.2005.10.008">http://dx.doi.org/10.1016/j.envpol.2005.10.008</a>
Biodiversity	Hongwei Y, Gongyin Y, Caiying J, Longjiang F, Karabi D, Cui H, Swapan D	2006	Effect of the pollen of transgenic rice line, T19-3 with a fused cry1Ab/cry1Ac gene from <i>Bacillus thuringiensis</i> Berliner on non-target domestic silkworm: <i>Bombyx mori</i> Linnaeus (Lepidoptera: Bombycidae)	Appl Entomol Zool	41	339-348	



Biodiversity	Huang F,Leonard BR,Gable RH	2006	Comparative susceptibility of European corn borer, southwestern corn borer, and sugarcane borer (Lepidoptera: Crambidae) to Cry1Ab protein in a commercial <i>Bacillus thuringiensis</i> corn hybrid	Journal of Economic Entomology	99	194-202	<a href="http://dx.doi.org/10.1016/j.jep.2006.01.010">http://dx.doi.org/10.1016/j.jep.2006.01.010</a>
Biodiversity	Jurat-Fuentes JL,Adang MJ	2006	Cry toxin mode of action in susceptible and resistant <i>Heliothis virescens</i> larvae	Journal of Invertebrate Pathology	92	166-171	
Biodiversity	Kelly CK,Bowler M,Breden F	2006	An analytical model assessing the potential threat to natural habitats from insect resistance transgenes: continuous transgene input	Biology Letters	2	293-297	<a href="http://dx.doi.org/10.1098/rsbl.2006.0444">http://dx.doi.org/10.1098/rsbl.2006.0444</a>
Biodiversity	Lang A,Vojtech E	2006	The effects of pollen consumption of transgenic Bt maize on the common swallowtail, <i>Papilio machaon</i> L. (Lepidoptera, Papilionidae)	Basic and Applied Ecology	7	296-306	<a href="http://dx.doi.org/10.1016/j.baee.2005.10.003">http://dx.doi.org/10.1016/j.baee.2005.10.003</a>
Biodiversity	Lilley AK,Bailey MJ, Cartwright C, Turner SL,Hirsch PR	2006	Life in earth: the impact of GM plants on soil ecology?	Trends in Biotechnology	24	Sep-14	<a href="http://dx.doi.org/10.1016/j.itbtech.2005.11.005">http://dx.doi.org/10.1016/j.itbtech.2005.11.005</a>
Biodiversity	Ludy C,Lang A	2006	Bt maize pollen exposure and impact on the garden spider, <i>Araneus diadematus</i>	Entomologia Experimentalis et Applicata	118	145-156	<a href="http://dx.doi.org/10.1111/j.1570-7458.2006.00375.x">http://dx.doi.org/10.1111/j.1570-7458.2006.00375.x</a>
Biodiversity	Ludy C,Lang A	2006	A 3-year field-scale monitoring of foliage-dwelling spiders (Araneae) in transgenic Bt maize fields and adjacent field margins	Biological Control	38	314-324	<a href="http://dx.doi.org/10.1016/j.biocontrol.2006.05.010">http://dx.doi.org/10.1016/j.biocontrol.2006.05.010</a>
Biodiversity	Ma X-M,Liu X-X,Zhang Q-W,Li J-J, Ren A-M	2006	Impact of transgenic <i>Bacillus thuringiensis</i> cotton on a non-target pest <i>Tetranychus</i> spp. in northern China	Insect Science	13	279-286	<a href="http://dx.doi.org/10.1111/j.1744-7917.2006.00095.x">http://dx.doi.org/10.1111/j.1744-7917.2006.00095.x</a>
Biodiversity	Melntchouck A,Leinweber P, Broer J,Eckhardt K-U	2006	Pyrolysis-field ionization mass spectrometry of rhizodeposits – a new approach to identify potential effects of genetically modified plants on soil organisms	Environmental Biosafety Research	5	37-46	<a href="http://dx.doi.org/10.1051/embr:2006012">http://dx.doi.org/10.1051/embr:2006012</a>
Biodiversity	Naef A,Zesiger T,Défago G	2006	Impact of transgenic Bt maize residues on the mycotoxigenic plant pathogen <i>Fusarium graminearum</i> and the biocontrol agent <i>Trichoderma atroviride</i>	Journal of Environmental Quality	35	1001-1009	<a href="http://dx.doi.org/10.2134/jeq2005.0334">http://dx.doi.org/10.2134/jeq2005.0334</a>
Biodiversity	Obrist LB,Dutton A,Albajes R,Bigler F	2006	Exposure of arthropod predators to Cry1Ab toxin in Bt maize fields	Ecological Entomology	31	143-154	<a href="http://dx.doi.org/10.1111/j.0307-6946.2006.00762.x">http://dx.doi.org/10.1111/j.0307-6946.2006.00762.x</a>
Biodiversity	Obrist LB,Dutton A, Romeis J,Bigler F	2006	Biological Activity of Cry1Ab Toxin Expressed by Bt Maize Following Ingestion by Herbivorous Arthropods and Exposure of the Predator <i>Chrysoperla carnea</i>	BioControl	51	31-48	<a href="http://dx.doi.org/10.1007/s10526-005-2936-8">http://dx.doi.org/10.1007/s10526-005-2936-8</a>
Biodiversity	Obrist LB,Klein H,Dutton A,Bigler F	2006	Assessing the effects of Bt Maize on the predatory mite <i>Neoseiulus cucumeris</i>	Experimental & applied acarology	38	125-139	<a href="http://dx.doi.org/10.1007/s10493-006-0008-0">http://dx.doi.org/10.1007/s10493-006-0008-0</a>
Biodiversity	Rasche F,Hödl V, Poll C,Kandeler E, Gerzabek MH,van Elsas JD,Sessitsch A	2006	Rhizosphere bacteria affected by transgenic potatoes with antibacterial activities compared with the effects of soil, wild-type potatoes,vegetation stage and pathogen exposure	FEMS Microbiol Ecology	56	219-235	
Biodiversity	Riudavets J,Gabarra R,Pons MJ,Messeguer J	2006	Effect of Transgenic Bt Rice on the Survival of Three Nontarget Stored Product Insect Pests	Environmental Entomology	35	1432-1438	<a href="http://dx.doi.org/10.1603/0046-225x(2006)35[1432:ecbroj]2.0.co;2">http://dx.doi.org/10.1603/0046-225x(2006)35[1432:ecbroj]2.0.co;2</a>
Biodiversity	Rodrigo-Simon A,de Maagd RA,Avilla C,Bakker PL,Molthoff J,Gonzalez-Zamora JE,Ferre J	2006	Lack of detrimental effects of <i>Bacillus thuringiensis</i> Cry toxins on the insect predator <i>Chrysoperla carnea</i> : a toxicological, histopathological, and biochemical analysis	Appl Environ Microbiol	72	1595-1603	

Biodiversity	Rodrigo-Simón A, de Maaag RA, Avilla C, Bakker PL, Malthoff J, González-Zamora JE, Ferré J	2006	Lack of detrimental effects of <i>Bacillus thuringiensis</i> Cry toxins on the insect predator <i>Chrysoperla carnea</i> : a toxicological, histopathological, and biochemical analysis	Applied and Environmental Microbiology	72	1595-1603	<a href="http://dx.doi.org/10.1128/aem.72.2.1595-1603.2006">http://dx.doi.org/10.1128/aem.72.2.1595-1603.2006</a>
Biodiversity	Romeis J, Meissle M, Bigler F	2006	Transgenic crops expressing <i>Bacillus thuringiensis</i> toxins and biological control	Nature Biotechnology	24	63-71	<a href="http://dx.doi.org/10.1038/nbt1180">http://dx.doi.org/10.1038/nbt1180</a>
Biodiversity	Saeglitz C, Bartsch D, Eber S, Gathmann A, Priesnitz KU, Schuphan I	2006	Monitoring the Cry/Ab susceptibility of European corn borer in Germany	Journal of Economic Entomology	99	1768-1773	
Biodiversity	Schmidt MR, Wei W	2006	Loss of Agro - Biodiversity, Uncertainty, and Perceived Control: A Comparative Risk Perception Study in Austria and China	Risk Analysis	26	455-470	<a href="http://dx.doi.org/10.1111/j.1539-6924.2006.00744.x">http://dx.doi.org/10.1111/j.1539-6924.2006.00744.x</a>
Biodiversity	Shen RF, Cai H, Gong WH	2006	Transgenic Bt cotton has no apparent effect on enzymatic activities or functional diversity of microbial communities in rhizosphere soil	Plant and Soil	285	149-159	
Biodiversity	Shirai Y	2006	Laboratory evaluation of effects of transgenic Bt corn pollen on two non-target herbivorous beetles, <i>Epilachna vigintioctopunctata</i> (Coccinellidae) and <i>Galerucella vittaticollis</i> (Chrysomelidae)	Applied Entomology and Zoology	41	607-611	
Biodiversity	Siqueira HAA, González-Cabrera J, Ferré J, Flanagan R, Siegfried BD	2006	Analyses of Cry1Ab Binding in Resistant and Susceptible Strains of the European Corn Borer, <i>Ostrinia nubilalis</i> (Hübner) (Lepidoptera: Crambidae)	Applied and Environmental Microbiology	72	5318-5324	<a href="http://dx.doi.org/10.1128/aem.00219-06">http://dx.doi.org/10.1128/aem.00219-06</a>
Biodiversity	Torres JB, Ruberson JR	2006	Spatial and temporal dynamics of oviposition behavior of bollworm and three of its predators in Bt and non-Bt cotton fields	Entomologia Experimentalis et Applicata	120	Nov-22	<a href="http://dx.doi.org/10.1111/j.1570-7458.2006.00422.x">http://dx.doi.org/10.1111/j.1570-7458.2006.00422.x</a>
Biodiversity	Torres JB, Ruberson JR	2006	Interactions of Bt-cotton and the omnivorous big-eyed bug <i>Geocoris punctipes</i> (Say), a key predator in cotton fields	Biological Control	39	47-57	<a href="http://dx.doi.org/10.1016/j.biocontrol.2006.03.006">http://dx.doi.org/10.1016/j.biocontrol.2006.03.006</a>
Biodiversity	Vercesi ML, Krogh PH, Holmstrup M	2006	Can <i>Bacillus thuringiensis</i> (Bt) corn residues and Bt-corn plants affect life-history traits in the earthworm <i>Aporrectodea caliginosa</i> ?	Applied Soil Ecology	32	180-187	<a href="http://dx.doi.org/10.1016/j.apsoil.2005.07.002">http://dx.doi.org/10.1016/j.apsoil.2005.07.002</a>
Biodiversity	Wang H, Ye Q, Wang W, Wu L, Wu W	2006	Cry1Ab protein from Bt transgenic rice does not residue in rhizosphere soil	Environmental Pollution	143	449-455	
Biodiversity	Weber M, Nentwig W	2006	Impact of Bt corn on the diplotopod <i>Allajulus latistriatus</i>	Pedobiologia	50	357-368	<a href="http://dx.doi.org/10.1016/j.pedobi.2006.06.004">http://dx.doi.org/10.1016/j.pedobi.2006.06.004</a>
Biodiversity	Zhang G-F, Wan F-H, Liu W-X, Guo J-Y	2006	Early instar response to plant-delivered Bt-toxin in a herbivore ( <i>Spodoptera litura</i> ) and a predator ( <i>Propylaea japonica</i> )	Crop Protection	25	527-533	<a href="http://dx.doi.org/10.1016/j.cropro.2005.08.008">http://dx.doi.org/10.1016/j.cropro.2005.08.008</a>
Biodiversity	Zhang G-f, Wan F-h, Lövei GL, Liu W-x, Guo J-y	2006	Transmission of Bt Toxin to the Predator <i>Propylaea japonica</i> (Coleoptera: Coccinellidae) Through Its Aphid Prey Feeding on Transgenic Bt Cotton	Environmental Entomology	35	143-150	<a href="http://dx.doi.org/10.1603/0046-225x.35.1.143">http://dx.doi.org/10.1603/0046-225x.35.1.143</a>
Biodiversity	Zhang SY, Li DM, Cui J, Xie BY	2006	Effects of Bt-toxin Cry1Ac on <i>Propylaea japonica</i> Thunberg (Col., Coccinellidae) by feeding on Bt-treated Bt-resistant <i>Helicoverpa armigera</i> (Hübner) (Lep., Noctuidae) larvae	Journal of Applied Entomology	130	206-212	<a href="http://dx.doi.org/10.1111/j.1439-0418.2006.01049.x">http://dx.doi.org/10.1111/j.1439-0418.2006.01049.x</a>
Biodiversity	Zhu S, Su JW, Liu XG, Du L, Yardim EN, Ge F	2006	Development and reproduction of <i>Propylaea japonica</i> raised on <i>Aphis gossypii</i> fed transgenic cotton	Zoological Studies	45	98-103	

Biodiversity	Andreadis SS, Alvarez-Alfageme F, Sánchez-Ramos I, Stodola T J, Andow DA, Milonas P G, Savopoulou-Soultani M, Castañera P	2007	Frequency of resistance to <i>Bacillus thuringiensis</i> toxin CryIAb in Greek and Spanish population of <i>Sesamia nonagrioides</i> (Lepidoptera: Noctuidae)	Journal of Economic Entomology	100	195-201	
Biodiversity	Arpaia S, Di Leo GM, Fiore MC, Schmidt JEU, Scardi M	2007	Composition of arthropod species assemblages in Bt-expressing and near isogenic eggplants in experimental fields	Environmental Entomology	36	213-227	
Biodiversity	Benton TG	2007	Managing Farming's Footprint on Biodiversity	Science	315	341-342	<a href="http://dx.doi.org/10.1126/science.1137650">http://dx.doi.org/10.1126/science.1137650</a>
Biodiversity	Butler SJ, Vickery JA, Norris K	2007	Farmland Biodiversity and the Footprint of Agriculture	Science	315	381-384	<a href="http://dx.doi.org/10.1126/science.1136607">http://dx.doi.org/10.1126/science.1136607</a>
Biodiversity	Chamberlain DE, Freeman SN, Vickery JA	2007	The effects of GMHT crops on bird abundance in arable fields in the UK	Agriculture, Ecosystems & Environment	118	350-356	<a href="http://dx.doi.org/10.1016/j.agee.2006.05.012">http://dx.doi.org/10.1016/j.agee.2006.05.012</a>
Biodiversity	Chen M, Liu Z-c, Ye G-y, Shen Z-c, Hu C, Peng Y-f, Altoosar I, Shelton AM	2007	Impacts of transgenic cry1Ab rice on non-target planthoppers and their main predator <i>Cyrtorhinus lividipennis</i> (Hemiptera: Miridae)—A case study of the compatibility of Bt rice with biological control	Biological Control	42	242-250	<a href="http://dx.doi.org/10.1016/j.biocontrol.2007.05.005">http://dx.doi.org/10.1016/j.biocontrol.2007.05.005</a>
Biodiversity	Chen M, Zhao J-z, Shelton AM, Cao J, Earle ED	2007	Impact of single-gene and dual-gene Bt broccoli on the herbivore <i>Pieris rapae</i> (Lepidoptera: Pieridae) and its pupal endoparasitoid <i>Pteromalus puparum</i> (Hymenoptera: Pteromalidae)	Transgenic Research	17	545-555	<a href="http://dx.doi.org/10.1007/s11248-007-9127-6">http://dx.doi.org/10.1007/s11248-007-9127-6</a>
Biodiversity	Cortet J, Griffiths BS, Bohanec M, Demsar D, Andersen MN, Caul S E, Birch AN, Permin C, Tabone E, de Vauleury A, Ke X, Henning Krogh P	2007	Evaluation of effects of transgenic Bt maize on microarthropods in a European multi-site experiment	Pedobiologia	51	207-218	<a href="http://dx.doi.org/10.1016/j.pedobi.2007.04.001">http://dx.doi.org/10.1016/j.pedobi.2007.04.001</a>
Biodiversity	Debellak M, Cortet J, Demšar D, Krogh PH, Džeroski S	2007	Hierarchical classification of environmental factors and agricultural practices affecting soil fauna under cropping systems using Bt maize	Pedobiologia	51	229-238	<a href="http://dx.doi.org/10.1016/j.pedobi.2007.04.009">http://dx.doi.org/10.1016/j.pedobi.2007.04.009</a>
Biodiversity	Devare M, Londoño-R LM, Thies JE	2007	Neither transgenic Bt maize (MON863) nor tefluthrin insecticide adversely affect soil microbial activity or biomass: A 3-year field analysis	Soil Biology and Biochemistry	39	2038-2047	
Biodiversity	Díaz-Mendoza M, Fariños GP, Castañera P, Hernández-Crespo P, Ortego F	2007	Proteolytic processing of native Cry1Ab toxin by midgut extracts and purified trypsins from the Mediterranean corn borer <i>Sesamia nonagrioides</i>	Journal of Insect Physiology	53	428-435	<a href="http://dx.doi.org/10.1016/j.jinsphys.2006.12.015">http://dx.doi.org/10.1016/j.jinsphys.2006.12.015</a>
Biodiversity	Douville M, Gagné F, Blaise C, André C	2007	Occurrence and persistence of <i>Bacillus thuringiensis</i> (Bt) and transgenic Bt corn cry1Ab gene from an aquatic environment	Ecotoxicology and Environmental Safety	66	195-203	<a href="http://dx.doi.org/10.1016/j.ecoenv.2006.01.002">http://dx.doi.org/10.1016/j.ecoenv.2006.01.002</a>
Biodiversity	Fang M, Motavalli PP, Kremer RJ, Nelson KA	2007	Assessing changes in soil microbial communities and carbon mineralization in Bt and non-Bt corn residue-amended soils	Applied Soil Ecology	37	150-160	<a href="http://dx.doi.org/10.1016/j.apsoil.2007.06.001">http://dx.doi.org/10.1016/j.apsoil.2007.06.001</a>
Biodiversity	Faria CA, Wäckers FL, Pritchard J, Barrett DA, Turlings TCJ	2007	High Susceptibility of Bt Maize to Aphids Enhances the Performance of Parasitoids of Lepidopteran Pests	PLoS ONE	2	249-255	<a href="http://dx.doi.org/10.1371/journal.pone.0000600">http://dx.doi.org/10.1371/journal.pone.0000600</a>
Biodiversity	Fernandes OA, Faria M, Martinelli S, Schmidt F, Carvalho VF, Moro G	2007	Short-term assessment of Bt maize on non-target arthropods in Brazil	Scientia Agricola	64	249-255	<a href="http://dx.doi.org/10.1590/s0103-90162007000300006">http://dx.doi.org/10.1590/s0103-90162007000300006</a>
Biodiversity	Ferry N, Mulligan EA, Majerus MEN, Gatehouse AMR	2007	Bitrophic and tritrophic effects of Bt Cry3A transgenic potato on beneficial, non-target, beetles	Transgenic Research	16	795-812	<a href="http://dx.doi.org/10.1007/s11248-007-9088-9">http://dx.doi.org/10.1007/s11248-007-9088-9</a>
Biodiversity	Floate KD, Cárcamo HA, Blackshaw RE, Postman B, Bourassa S	2007	Response of ground beetle (Coleoptera: Carabidae) field populations to four years of Lepidoptera-specific Bt corn production	Environmental Entomology	36	1269-1274	

Biodiversity	González-Zamora JE, Camúñez S, Avilla C	2007	Effects of <i>Bacillus thuringiensis</i> Cry Toxins on Developmental and Reproductive Characteristics of the Predator <i>Orius albidipennis</i> (Hemiptera: Anthocoridae) Under Laboratory Conditions	Environmental Entomology	36	1246-1253	<a href="http://dx.doi.org/10.1111/j.1467-7652.2006.00215.x">http://dx.doi.org/10.1111/j.1467-7652.2006.00215.x</a>
Biodiversity	Griffiths BS, Heckmann LH, Caul S, Thompson J, Scrimgeour C, Krogh PH	2007	Varietal effects of eight paired lines of transgenic Bt maize and near - isogenic non - Bt maize on soil microbial and nematode community structure	Plant Biotechnology Journal	5	60-68	<a href="http://dx.doi.org/10.1673/031.007.6101">http://dx.doi.org/10.1673/031.007.6101</a>
Biodiversity	Hoheisel GA, Fleischer SJ	2007	Coccinellids, aphids, and pollen in diversified vegetable fields with transgenic and isoline cultivars	Journal of Insect Science (Online)	7		<a href="http://dx.doi.org/10.1673/031.007.6101">http://dx.doi.org/10.1673/031.007.6101</a>
Biodiversity	Huang F, Leonard BR, Andow DA	2007	Sugarcane borer (Lepidoptera: Crambidae) resistance to transgenic <i>Bacillus thuringiensis</i> maize	Journal of Economic Entomology	100	164-171	
Biodiversity	Huang Fn, Leonard Br, Andow Da	2007	F2 Screen for Resistance to a <i>Bacillus Thuringiensis</i> -Maize Hybrid in the Sugarcane Borer (Lepidoptera: Crambidae)	Bulletin of Entomological Research	97	437-444	<a href="http://dx.doi.org/10.1017/s000748530700510x">http://dx.doi.org/10.1017/s000748530700510x</a>
Biodiversity	Kramarz PE, De Vaufléury A, Carey M	2007	Studying the effect of exposure of the snail <i>Helix aspersa</i> to the purified Bt toxin, Cry1Ab	Applied Soil Ecology	37	169-172	<a href="http://dx.doi.org/10.1016/j.apsoil.2007.06.006">http://dx.doi.org/10.1016/j.apsoil.2007.06.006</a>
Biodiversity	Krogh PH, Griffiths B, Demšar D, Bohanec M, Debeljak M, Andersen MN, Sausse C, Birch ANE, Caul S, Holmstrup M, Heckmann L, H, Cortet J	2007	Responses by earthworms to reduced tillage in herbicide tolerant maize and Bt maize cropping systems	Pedobiologia	51	219-227	<a href="http://dx.doi.org/10.1016/j.pedobi.2007.04.003">http://dx.doi.org/10.1016/j.pedobi.2007.04.003</a>
Biodiversity	Li F-f, Ye G-y, Wu Q, Peng Y-f, Chen X-x	2007	Arthropod Abundance and Diversity in Bt and Non-Bt Rice Fields	Environmental Entomology	36	646-654	<a href="http://dx.doi.org/10.1603/0046-225x(2007)36[646:aaadib]2.0.co;2">http://dx.doi.org/10.1603/0046-225x(2007)36[646:aaadib]2.0.co;2</a>
Biodiversity	Luo S, Wu K, Tian Y, Liang G, Feng X, Zhang J, Guo Y	2007	Cross-Resistance Studies of Cry1Ac-Resistant Strains of <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae) to Cry2Ab	Journal of Economic Entomology	100	909-915	<a href="http://dx.doi.org/10.1603/0022-0493(2007)100[909:csocso]2.0.co;2">http://dx.doi.org/10.1603/0022-0493(2007)100[909:csocso]2.0.co;2</a>
Biodiversity	Marvier M, McCreedy C, Regetz J, Kareiva P	2007	A Meta-Analysis of Effects of Bt Cotton and Maize on Nontarget Invertebrates	Science	316	1475-1477	<a href="http://dx.doi.org/10.1126/science.1139208">http://dx.doi.org/10.1126/science.1139208</a>
Biodiversity	Mulder C, Wouterse M, Rutgers M, Posthuma L	2007	Transgenic maize containing the Cry1Ab protein ephemerally enhances soil microbial communities	Ambio	36	359-361	
Biodiversity	Nibouche S, Guerard N, Martin P, Vaissayre M	2007	Modelling the role of refuges for sustainable management of dual-gene Bt Cotton in West African smallholder farming systems	Crop Protection	26	828-836	
Biodiversity	Pigott CR, Eilar DJ	2007	Role of Receptors in <i>Bacillus thuringiensis</i> Crystal Toxin Activity	Microbiology and Molecular Biology Reviews	71	255-281	<a href="http://dx.doi.org/10.1128/mmb.00034-06">http://dx.doi.org/10.1128/mmb.00034-06</a>
Biodiversity	Ramirez-Romero R, Bernal JS, Chaufaux J, Kaiser L	2007	Impact assessment of Bt-maize on a moth parasitoid, <i>Cotesia marginiventris</i> (Hymenoptera: Braconidae), via host exposure to purified Cry1Ab protein or Bt-plants	Crop Protection	26	953-962	<a href="http://dx.doi.org/10.1016/j.cropro.2006.09.001">http://dx.doi.org/10.1016/j.cropro.2006.09.001</a>
Biodiversity	Rose R, Dively GP	2007	Effects of insecticide-treated and Lepidopteran-active Bt transgenic sweet corn on the abundance and diversity of arthropods	Environmental Entomology	36	1254-1268	
Biodiversity	Rose R, Dively GP, Pettis J	2007	Effects of Bt corn pollen on honey bees: emphasis on protocol development	Apidologie	38	368-377	<a href="http://dx.doi.org/10.1051/apido:2007022">http://dx.doi.org/10.1051/apido:2007022</a>
Biodiversity	Rosi-Marshall EJ, Tank JL, Royer TV, Whiles MR, Evans-White M, Chambers C, Griffiths NA, Pokelsek J, Stephen ML	2007	Toxins in transgenic crop byproducts may affect headwater stream ecosystems	Proceedings of the National Academy of Sciences	104	16204-16208	<a href="http://dx.doi.org/10.1073/pnas.0707177104">http://dx.doi.org/10.1073/pnas.0707177104</a>

Biodiversity	Sabharwal N,Icoz I,Saxena D,Stoltzky G	2007	Release of the recombinant proteins, human serum albumin, $\beta$ -glucuronidase, glycoprotein B from human cytomegalovirus, and green fluorescent protein, in root exudates from transgenic tobacco and their effects on microbes and enzymatic activities in soil	Plant Physiology and Biochemistry	45	464-469	<a href="http://dx.doi.org/10.1007/s10526-006-9032-6">http://dx.doi.org/10.1007/s10526-006-9032-6</a>
Biodiversity	Sharma HC,Arora R,Pampapathy G	2007	Influence of transgenic cottons with <i>Bacillus thuringiensis cry1Ac</i> gene on the natural enemies of <i>Helicoverpa armigera</i>	BioControl	52	469-489	<a href="http://dx.doi.org/10.1016/j.jip.2007.03.013">http://dx.doi.org/10.1016/j.jip.2007.03.013</a>
Biodiversity	Sisterson MS,Biggs RW,Manhardt NM,Carrière Y,Denmyer T,J,Tabashnik BE	2007	Effects of transgenic Bt cotton on insecticide use and abundance of two generalist predators	Entomologia Experimentalis et Applicata	124	305-311	<a href="http://dx.doi.org/10.1111/j.1570-7458.2007.00584.x">http://dx.doi.org/10.1111/j.1570-7458.2007.00584.x</a>
Biodiversity	Sivasubramaniam S,Head GP,English L,Li Y,J,Vaughn TT	2007	A global approach to resistance monitoring	Journal of Invertebrate Pathology	95	224-226	<a href="http://dx.doi.org/10.1016/j.jip.2007.03.013">http://dx.doi.org/10.1016/j.jip.2007.03.013</a>
Biodiversity	Soberon M,Pardo-Lopez L,Lopez I,Gomez I,Tabashnik BE,Bravo A	2007	Engineering Modified Bt Toxins to Counter Insect Resistance	Science	318	1640-1642	
Biodiversity	Sun CX,Chen LJ,Wu ZJ,Zhou LK,Shirmizu H	2007	Soil persistence of <i>Bacillus thuringiensis</i> (Bt) toxin from transgenic Bt cotton tissues and its effect on soil enzyme activities	Biology and Fertility of Soils	43	617-620	
Biodiversity	Torres Jb,Ruberson Jr	2007	Abundance and diversity of ground-dwelling arthropods of pest management importance in commercial Bt and non-Bt cotton fields	Annals of Applied Biology	150	27-39	<a href="http://dx.doi.org/10.1111/j.1744-7348.2006.00087.x">http://dx.doi.org/10.1111/j.1744-7348.2006.00087.x</a>
Biodiversity	Toschki A,Hothorn LA,Ross-Nickoll M	2007	Effects of cultivation of genetically modified Bt maize on epigeic arthropods (Araneae; Carabidae)	Environmental Entomology	36	967-981	
Biodiversity	Wang H,Ye Q,Gan J,Wu L	2007	Biodegradation of Cry1Ab Protein from Bt Transgenic Rice in Aerobic and Flooded Paddy Soils	J. Agric. Food Chem.	55	1900-1904	<a href="http://dx.doi.org/10.1021/jf062924x">http://dx.doi.org/10.1021/jf062924x</a>
Biodiversity	Wang P,Zhao J-Z,Rodrigo-Simón A,Kain W,Janmaat AF,Shelton AM,Ferré J,Myers J	2007	Mechanism of Resistance to <i>Bacillus thuringiensis</i> Toxin Cry1Ac in a Greenhouse Population of the Cabbage Looper, <i>Trichoplusia ni</i>	Applied and Environmental Microbiology	73	1199-1207	<a href="http://dx.doi.org/10.1128/aem.01834-06">http://dx.doi.org/10.1128/aem.01834-06</a>
Biodiversity	Whitehouse MEA,Wilson LJ,Constable GA	2007	Target and non-target effects on the invertebrate community of Vip cotton, a new insecticidal transgenic	Australian Journal of Agricultural Research	58	273-285	
Biodiversity	Zwahlen C,Hilbeck A,Nentwig W	2007	Field decomposition of transgenic Bt maize residue and the impact on non-target soil invertebrates	Plant and Soil	300	245-257	<a href="http://dx.doi.org/10.1007/s11104-007-9410-6">http://dx.doi.org/10.1007/s11104-007-9410-6</a>
Biodiversity	Alvarez-Afagame F,Ferry N,Castañera P,Ortego F,Gatehouse AMR	2008	Prey mediated effects of Bt maize on fitness and digestive physiology of the red spider mite predator <i>Stethorus punctillum</i> Weise (Coleoptera: Coccinellidae)	Transgenic Research	17	943-954	<a href="http://dx.doi.org/10.1007/s11248-008-9177-4">http://dx.doi.org/10.1007/s11248-008-9177-4</a>
Biodiversity	Andreote FD,Mendes R,Dini-Andreote F,Rossetto PB,Labate CA,Pizzirani-Kleiner AA,Elsas JD,Azevedo JL,Araújo WL	2008	Transgenic tobacco revealing altered bacterial diversity in the rhizosphere during early plant development	Antonie Van Leeuwenhoek	93	415-424	<a href="http://dx.doi.org/10.1007/s10482-007-9219-6">http://dx.doi.org/10.1007/s10482-007-9219-6</a>
Biodiversity	Babendreier D,Reichhart B,Romeis J,Bigler F	2008	Impact of insecticidal proteins expressed in transgenic plants on bumblebee microcolonies	Entomologia Experimentalis et Applicata	126	148-157	<a href="http://dx.doi.org/10.1111/j.1570-7458.2007.00662.x">http://dx.doi.org/10.1111/j.1570-7458.2007.00662.x</a>
Biodiversity	Beachy RN,Fedoroff NV,Goldberg RB,McHughen A	2008	The burden of proof: A response to Rosi-Marshall et al	Proceedings of the National Academy of Sciences	105	E9-E9	<a href="http://dx.doi.org/10.1073/pnas.0711431105">http://dx.doi.org/10.1073/pnas.0711431105</a>
Biodiversity	Bravo A,Soberón M	2008	How to cope with insect resistance to Bt toxins?	Trends in Biotechnology	26	573-579	<a href="http://dx.doi.org/10.1016/j.tibtech.2008.06.005">http://dx.doi.org/10.1016/j.tibtech.2008.06.005</a>
Biodiversity	Chen M,Zhao J-Z,Collins HL,Earle ED,Cao J,Shelton AM	2008	A Critical Assessment of the Effects of Bt Transgenic Plants on Parasitoids	PLoS ONE	3		<a href="http://dx.doi.org/10.1371/journal.pone.0002284">http://dx.doi.org/10.1371/journal.pone.0002284</a>

Biodiversity	Devos Y, Cougnon M, Vergucht S, Bulcke R, Haesaert G, Steurbaut W, Reheul D	2008	Environmental impact of herbicide regimes used with genetically modified herbicide-resistant maize	Transgenic Research	17	1059-1077	<a href="http://dx.doi.org/10.1007/s11248-008-9181-8">http://dx.doi.org/10.1007/s11248-008-9181-8</a>
Biodiversity	Duan JJ, Marvier M, Huesing J, Dively G, Huang ZY	2008	A Meta-Analysis of Effects of Bt Crops on Honey Bees (Hymenoptera: Apidae)	PLoS ONE	3		<a href="http://dx.doi.org/10.1371/journal.pone.0001415">http://dx.doi.org/10.1371/journal.pone.0001415</a>
Biodiversity	Duan JJ, Teixeira D, Huesing JE, Jiang C	2008	Assessing the Risk to Nontarget Organisms from Bt Corn Resistant to Corn Rootworms (Coleoptera: Chrysomelidae): Tier-I Testing with <i>Orius insidiosus</i> (Heteroptera: Anthracoridae)	Environmental Entomology	37	838-844	<a href="http://dx.doi.org/10.1603/0046-225x(2008)37[838:atrhno]2.0.co;2">http://dx.doi.org/10.1603/0046-225x(2008)37[838:atrhno]2.0.co;2</a>
Biodiversity	Ernst D, Rosenbrock-Krestel H, Kirchhof G, Bieber E, Giunashwilli N, Müller R, Fischbeck G, Wagner T, Sandermann H, Hartmann A	2008	Molecular investigations of the soil, rhizosphere and transgenic glufosinate-resistant rape and maize plants in combination with herbicide (Basta) application under field conditions	Zeitschrift Für Naturforschung. C, Journal of Biosciences	63	864-872	
Biodiversity	Fariños GP, de la Poza M, Hernández-Crespo P, Ortego F, Castañera P	2008	Diversity and seasonal phenology of aboveground arthropods in conventional and transgenic maize crops in Central Spain	Biological Control	44	362-371	<a href="http://dx.doi.org/10.1016/j.biocontrol.2007.11.007">http://dx.doi.org/10.1016/j.biocontrol.2007.11.007</a>
Biodiversity	Filion M	2008	Do transgenic plants affect rhizobacteria populations?	Microbial Biotechnology	1	463-475	<a href="http://dx.doi.org/10.1111/j.1751-7915.2008.00047.x">http://dx.doi.org/10.1111/j.1751-7915.2008.00047.x</a>
Biodiversity	Guo J-Y, Wan F-H, Dong L, Lövei GL, Han Z-J	2008	Tri-trophic interactions between Bt cotton, the herbivore <i>Aphis gossypii</i> Glover (Homoptera: Aphididae), and the predator <i>Chrysopa pallens</i> (Rambur) (Neuroptera: Chrysopidae)	Environmental Entomology	37	263-270	
Biodiversity	Hönemann L, Zurbrugg C, Nentwig W	2008	Effects of Bt-corn decomposition on the composition of the soil meso- and macrofauna	Applied Soil Ecology	40	203-209	<a href="http://dx.doi.org/10.1016/j.apsoil.2008.04.006">http://dx.doi.org/10.1016/j.apsoil.2008.04.006</a>
Biodiversity	Icoz I, Saxena D, Andow DA, Zwanhen C, Stotzky G	2008	Microbial populations and enzyme activities in soil in situ under transgenic corn expressing cry proteins from <i>Bacillus thuringiensis</i>	Journal of Environmental Quality	37	647-662	
Biodiversity	Icoz I, Stotzky G	2008	Fate and effects of insect-resistant Bt crops in soil ecosystems	Soil Biology and Biochemistry	40	559-586	<a href="http://dx.doi.org/10.1016/j.soilbio.2007.11.002">http://dx.doi.org/10.1016/j.soilbio.2007.11.002</a>
Biodiversity	Kim YH, Kang JS, Kim JI, Kwon M, Lee S, Cho HS, Lee SH	2008	Effects of Bt transgenic Chinese cabbage on the herbivore <i>Mamestra brassicae</i> (Lepidoptera: Noctuidae) and its parasitoid <i>Microplitis mediator</i> (Hymenoptera: Braconidae)	Journal of Economic Entomology	101	1134-1139	
Biodiversity	Kleter GA, Harris C, Stephenson G, Unsworth J	2008	Comparison of herbicide regimes and the associated potential environmental effects of glyphosate - resistant crops versus what they replace in Europe	Pest Management Science	64	479-488	<a href="http://dx.doi.org/10.1002/ps.1513">http://dx.doi.org/10.1002/ps.1513</a>
Biodiversity	Kumar S, Chandra A, Pandey KC	2008	<i>Bacillus thuringiensis</i> (Bt) transgenic crop: an environment friendly insect-pest management strategy	Journal of Environmental Biology / Academy of Environmental Biology, India	29	641-663	
Biodiversity	Lawo NC, Romeis J	2008	Assessing the utilization of a carbohydrate food source and the impact of insecticidal proteins on larvae of the green lacewing, <i>Chrysoperla carnea</i>	Biological Control	44	389-398	<a href="http://dx.doi.org/10.1016/j.biocontrol.2007.12.002">http://dx.doi.org/10.1016/j.biocontrol.2007.12.002</a>
Biodiversity	Lewandowski A, Górecka J	2008	Effect of Transgenic Maize Mon 810 on Selected Non-Target Organisms: The Bird Cherry-Oat Aphid ( <i>Rhopalosiphum padi</i> L.) and its Predator - Green Lacewing ( <i>Chrysoperla carnea</i> Steph.)	Vegetable Crops Research Bulletin	69	21-30	<a href="http://dx.doi.org/10.2478/v10032-008-0017-0">http://dx.doi.org/10.2478/v10032-008-0017-0</a>

Biodiversity	Li Y, Meissle M, Romeis J	2008	Consumption of Bt Maize Pollen Expressing Cry1Ab or Cry3Bb1 Does Not Harm Adult Green Lacewings, Chrysoperla carnea (Neuroptera: Chrysopidae)	PLoS ONE	3		<a href="http://dx.doi.org/10.1371/journal.pone.0002909">http://dx.doi.org/10.1371/journal.pone.0002909</a>
Biodiversity	Meihs LN, Higdon ML, Stegffried BD, Miller NJ, Sappington TW, Eilersieck MR, Spencer TA, Hibbard BE	2008	Increased survival of western corn rootworm on transgenic corn within three generations of on-plant greenhouse selection	Proceedings of the National Academy of Sciences of the United States of America	105	19177-19182	<a href="http://dx.doi.org/10.1073/pnas.0805565105">http://dx.doi.org/10.1073/pnas.0805565105</a>
Biodiversity	Moser SE, Hanwood JD, Obyrcki JJ	2008	Larval feeding on Bt hybrid and non-Bt corn seedlings by <i>Harmonia axyridis</i> (Coleoptera: Coccinellidae) and <i>Coleomegilla maculata</i> (Coleoptera: Coccinellidae)	Environmental Entomology	37	525-533	
Biodiversity	Oliveira AP, Pampulha ME, Bennett JP	2008	A two-year field study with transgenic <i>Bacillus thuringiensis</i> maize: Effects on soil microorganisms	Science of The Total Environment	405	351-357	<a href="http://dx.doi.org/10.1016/j.scitotenv.2008.05.046">http://dx.doi.org/10.1016/j.scitotenv.2008.05.046</a>
Biodiversity	Oliver KL, Hamelin RC, Hintz WE	2008	Effects of Transgenic Hybrid Aspen Overexpressing Polyphenol Oxidase on Rhizosphere Diversity	Applied and Environmental Microbiology	74	5340-5348	<a href="http://dx.doi.org/10.1128/aem.02836-07">http://dx.doi.org/10.1128/aem.02836-07</a>
Biodiversity	Owen MDK	2008	Weed species shifts in glyphosate - resistant crops	Pest Management Science	64	377-387	<a href="http://dx.doi.org/10.1002/ps.1539">http://dx.doi.org/10.1002/ps.1539</a>
Biodiversity	Priestley AL, Brownbridge M	2008	Field trials to evaluate effects of Bt-transgenic silage corn expressing the Cry1Ab insecticidal toxin on non-target soil arthropods in northern New England, USA	Transgenic Research	18	425-443	<a href="http://dx.doi.org/10.1007/s11248-008-9234-z">http://dx.doi.org/10.1007/s11248-008-9234-z</a>
Biodiversity	Prihoda KR, Coats JR	2008	Aquatic fate and effects of <i>Bacillus thuringiensis</i> Cry3Bb1 protein: toward risk assessment	Environmental toxicology and chemistry / SETAC	27	793-798	<a href="http://dx.doi.org/10.1897/07-300.1">http://dx.doi.org/10.1897/07-300.1</a>
Biodiversity	Prihoda KR, Coats JR	2008	Fate of <i>Bacillus thuringiensis</i> (Bt) Cry3Bb1 protein in a soil microcosm	Chemosphere	73	1102-1107	<a href="http://dx.doi.org/10.1016/j.chemosphere.2008.07.025">http://dx.doi.org/10.1016/j.chemosphere.2008.07.025</a>
Biodiversity	Ramirez-Romero R, Desneux N, Chaufaux J, Kaiser L	2008	Bt-maize effects on biological parameters of the non-target aphid <i>Sitobion avenae</i> (Homoptera: Aphididae) and Cry1Ab toxin detection	Pesticide Biochemistry and Physiology	91	110-115	<a href="http://dx.doi.org/10.1016/j.pestbp.2008.01.010">http://dx.doi.org/10.1016/j.pestbp.2008.01.010</a>
Biodiversity	Rauschen S, Eckert J, Schaarschmidt F, Schuphan I, Gathmann A	2008	An evaluation of methods for assessing the impacts of Bt-maize MON810 cultivation and pyrethroid insecticide use on Auchenorrhyncha (planthoppers and leafhoppers)	Agricultural and Forest Entomology	10	331-339	<a href="http://dx.doi.org/10.1111/j.1461-9663.2008.00394.x">http://dx.doi.org/10.1111/j.1461-9663.2008.00394.x</a>
Biodiversity	Romeis J, Bartsch D, Bigler F, Candolfi MP, Gielkens MMC, Hartley SE, Hellmich RL, Huesing JE, Jepson PC, Layton R, Quemada H, Raybould A, Rose RI, Schiermann J, Sears MK, Shelton AM, Sweet J, Vaituzis Z, Wolt JD	2008	Assessment of risk of insect-resistant transgenic crops to nontarget arthropods	Nat Biotechnol	26	203-208	
Biodiversity	Sayyed AH, Moores G, Crickmore N, Wright DJ	2008	Cross - resistance between a <i>Bacillus thuringiensis</i> Cry toxin and non - Bt insecticides in the diamondback moth	Pest Management Science	64	813-819	<a href="http://dx.doi.org/10.1002/ps.1570">http://dx.doi.org/10.1002/ps.1570</a>
Biodiversity	Sharma Hc, Dhillon Mk, Arora R	2008	Effects of <i>Bacillus thuringiensis</i> $\delta$ -endotoxin-fed <i>Helicoverpa armigera</i> on the survival and development of the parasitoid <i>Campoletis chloridae</i>	Entomologia Experimentalis et Applicata	126	01-Aug	<a href="http://dx.doi.org/10.1111/j.1570-7458.2007.00637.x">http://dx.doi.org/10.1111/j.1570-7458.2007.00637.x</a>
Biodiversity	Shu Y, Ma H, Du Y, Li Z, Feng Y, Wang J	2008	The presence of <i>Bacillus thuringiensis</i> (Bt) protein in earthworms <i>Eisenia fetida</i> has no deleterious effects on their growth and reproduction	Chemosphere			<a href="http://dx.doi.org/10.1016/j.chemosphere.2011.08.032">http://dx.doi.org/10.1016/j.chemosphere.2011.08.032</a>

Biodiversity	Squire GR, Hawes C, Begg GS, Young MW	2008	Cumulative impact of GM herbicide-tolerant cropping on arable plants assessed through species-based and functional taxonomies	Environmental Science and Pollution Research	16	85-94	<a href="http://dx.doi.org/10.1007/s11356-008-0072-6">http://dx.doi.org/10.1007/s11356-008-0072-6</a>
Biodiversity	Storer NP, Dively GP, Herman RA	2008	Landscape Effects of Insect-Resistant Genetically Modified Crops	Integration of Insect-Resistant Genetically Modified Crops within IPM Programs		273-302	
Biodiversity	Torres JB, Ruberson JR	2008	Interactions of <i>Bacillus thuringiensis</i> Cry1Ac toxin in genetically engineered cotton with predatory heteropterans	Transgenic Research	17	345-354	<a href="http://dx.doi.org/10.1007/s11248-007-9109-8">http://dx.doi.org/10.1007/s11248-007-9109-8</a>
Biodiversity	Van Overbeek L, Van Elsas JD	2008	Effects of plant genotype and growth stage on the structure of bacterial communities associated with potato ( <i>Solanum tuberosum</i> L.)	FEMS Microbiology Ecology	64	283-296	<a href="http://dx.doi.org/10.1111/j.1574-6941.2008.00469.x">http://dx.doi.org/10.1111/j.1574-6941.2008.00469.x</a>
Biodiversity	van Wyk A, van den Berg J, van Hamburg H	2008	Diversity and comparative phenology of Lepidoptera on Bt and non-Bt maize in South Africa	International Journal of Pest Management	54	77-87	<a href="http://dx.doi.org/10.1080/09670870701523074">http://dx.doi.org/10.1080/09670870701523074</a>
Biodiversity	Wolfsberger LL, Naranjo SE, Lundgren JG, Bitzer RJ, Watrud LS	2008	Bt crop effects on functional guilds of non-target arthropods: a meta-analysis	PLoS One	3		
Biodiversity	Wu K-M, Lu Y-H, Feng H-Q, Jiang Y-Y, Zhao J-Z	2008	Suppression of Cotton Bollworm in Multiple Crops in China in Areas with Bt Toxin-Containing Cotton	Science	321	1676-1678	<a href="http://dx.doi.org/10.1126/science.1160550">http://dx.doi.org/10.1126/science.1160550</a>
Biodiversity	Wu WX, Liu W, Lu HH, Chen YX, Devare M, Thies J	2008	Use of 13C labeling to assess carbon partitioning in transgenic and nontransgenic (parental) rice and their rhizosphere soil microbial communities	FEMS Microbiology Ecology	67	93-102	<a href="http://dx.doi.org/10.1111/j.1574-6941.2008.00599.x">http://dx.doi.org/10.1111/j.1574-6941.2008.00599.x</a>
Biodiversity	Zhang G-F, Wan F-H, Murphy ST, Guo J-Y, Liu W-X	2008	Reproductive biology of two nontarget insect species, <i>Aphis gossypii</i> (Homoptera: Aphididae) and <i>Ortus sauteri</i> (Hemiptera: Anthracoridae), on Bt and non-Bt cotton cultivars	Environmental Entomology	37	1035-1042	
Biodiversity	Albajes R, Lumbrieres B, Pons X	2009	Responsiveness of Arthropod Herbivores and Their Natural Enemies to Modified Weed Management in Corn	Environmental Entomology	38	944-954	
Biodiversity	Álvarez-Alfageme F, Ortego F, Castañera P	2009	Bt maize fed-prey mediated effect on fitness and digestive physiology of the ground predator <i>Poecilus cupreus</i> L. (Coleoptera: Carabidae)	Journal of Insect Physiology	55	144-150	<a href="http://dx.doi.org/10.1016/j.jinsphys.2008.10.014">http://dx.doi.org/10.1016/j.jinsphys.2008.10.014</a>
Biodiversity	Blanco CA, Andow DA, Abel CA, Sumerford DV, Hernandez G, López JD, Adams L, Groot A, Leonard R, Parker R, Payne G, Perera OP, Terán-Vargas AP, Azuara-Dominguez A	2009	<i>Bacillus thuringiensis</i> Cry1Ac Resistance Frequency in Tobacco Budworm (Lepidoptera: Noctuidae)	Journal of Economic Entomology	102	381-387	<a href="http://dx.doi.org/10.1603/029.102.0149">http://dx.doi.org/10.1603/029.102.0149</a>
Biodiversity	Brévault T, Prudent P, Vaissayre M, Carrière Y	2009	Susceptibility of <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae) to Cry1Ac and Cry2Ab2 Insecticidal Proteins in Four Countries of the West African Cotton Belt	Journal of Economic Entomology	102	2301-2309	<a href="http://dx.doi.org/10.1603/029.102.0636">http://dx.doi.org/10.1603/029.102.0636</a>
Biodiversity	Carrière Y, Eilers-Kirk C, Cattaneo MG, Yafuso CM, Antilla L, Huang C-Y, Rahman M, Orr BJ, Marsh SE	2009	Landscape effects of transgenic cotton on non-target ants and beetles	Basic and Applied Ecology	10	597-606	<a href="http://dx.doi.org/10.1016/j.baee.2008.10.010">http://dx.doi.org/10.1016/j.baee.2008.10.010</a>
Biodiversity	Carrière Y, Showalter AM, Fabrick JA, Sollome J, Eilers-Kirk C, Tabashnik BE	2009	Cadherin gene expression and effects of Bt resistance on sperm transfer in pink bollworm	Journal of Insect Physiology	55	1058-1064	<a href="http://dx.doi.org/10.1016/j.jinsphys.2009.07.013">http://dx.doi.org/10.1016/j.jinsphys.2009.07.013</a>
Biodiversity	Chodová D, Salava J, Martinová O, Cvíková M	2009	Horseweed with Reduced Susceptibility to Glyphosate Found in the Czech Republic	J. Agric. Food Chem.	57	6957-6961	<a href="http://dx.doi.org/10.1021/jf901292x">http://dx.doi.org/10.1021/jf901292x</a>
Biodiversity	Crespo ALB, Spencer TA, Alves AP, Hellmich RL, Blankenship EE, Magalhães LC, Siegfried BD	2009	On - plant survival and inheritance of resistance to Cry1Ab toxin from <i>Bacillus thuringiensis</i> in a field - derived strain of European corn borer, <i>Ostrinia nubilalis</i>	Pest Management Science	65	1071-1081	<a href="http://dx.doi.org/10.1002/ps.1793">http://dx.doi.org/10.1002/ps.1793</a>



Biodiversity	Dhillon MK, Sharma HC	2009	Effects of <i>Bacillus thuringiensis</i> $\delta$ -endotoxins Cry1Ab and Cry1Ac on the coccinellid beetle, <i>Chelomenes sexmaculatus</i> (Coleoptera, Coccinellidae) under direct and indirect exposure conditions	Biocontrol Science and Technology	19	407-420	<a href="http://dx.doi.org/10.1080/09583150902783801">http://dx.doi.org/10.1080/09583150902783801</a>
Biodiversity	Downes S, Parker TL, Mahon RJ	2009	Frequency of Alleles Conferring Resistance to the <i>Bacillus thuringiensis</i> Toxins Cry1Ac and Cry2Ab in Australian Populations of <i>Helicoverpa punctigera</i> (Lepidoptera: Noctuidae) From 2002 to 2006	Journal of Economic Entomology	102	733-742	<a href="http://dx.doi.org/10.1603/029.102.0234">http://dx.doi.org/10.1603/029.102.0234</a>
Biodiversity	Duke SO, Powles SB	2009	Glyphosate-Resistant Crops and Weeds: Now and in the Future				
Biodiversity	Fabrick JA, Fortlow Jech L, Henneberry TJ	2009	Novel Pink Bollworm Resistance to the Bt Toxin Cry 1Ac: Effects on Mating, Oviposition, Larval Development and Survival	Journal of Insect Science	9		<a href="http://dx.doi.org/10.1673/031.009.2401">http://dx.doi.org/10.1673/031.009.2401</a>
Biodiversity	George TS, Richardson AE, Li SS, Gregory PJ, Daniell TJ	2009	Extracellular release of a heterologous phytase from roots of transgenic plants: does manipulation of rhizosphere biochemistry impact microbial community structure?	FEMS Microbiology Ecology	70	433-445	<a href="http://dx.doi.org/10.1111/j.1574-6941.2009.00762.x">http://dx.doi.org/10.1111/j.1574-6941.2009.00762.x</a>
Biodiversity	Givens WA, Shaw DR, Kruger GR, Johnson WG, Weiler SC, Young BG, Wilson RG, Owen MDK, Jordan D	2009	Survey of Tillage Trends Following The Adoption of Glyphosate-Resistant Crops	Weed Technology	23	150-155	<a href="http://dx.doi.org/10.1614/wt-08-038.1">http://dx.doi.org/10.1614/wt-08-038.1</a>
Biodiversity	Gray ME, Sappington TW, Miller NJ, Moeser J, Bohn MO	2009	Adaptation and Invasiveness of Western Corn Rootworm: Intensifying Research on a Worsening Pest*	Annual Review of Entomology	54	303-321	<a href="http://dx.doi.org/10.1146/annurev.ento.54.110807.090434">http://dx.doi.org/10.1146/annurev.ento.54.110807.090434</a>
Biodiversity	Hibbard BE, El Khishen AA, Vaughn TT	2009	Impact of MON863 transgenic roots is equivalent on western corn rootworm larvae for a wide range of maize phenologies	Journal of Economic Entomology	102	1607-1613	
Biodiversity	Higgins LS, Babcock J, Neese P, Layton RJ, Moellenbeck DJ, Storer N	2009	Three-year field monitoring of Cry1F, event DAS-01507-1, maize hybrids for nontarget arthropod effects	Environmental Entomology	38	281-292	
Biodiversity	Hönemann L, Nentwig W	2009	Are survival and reproduction of <i>Enchytraeus albidus</i> (Annelida: Enchytraeidae) at risk by feeding on Bt-maize litter?	European Journal of Soil Biology	45	351-355	<a href="http://dx.doi.org/10.1016/j.ejsobi.2009.03.001">http://dx.doi.org/10.1016/j.ejsobi.2009.03.001</a>
Biodiversity	Kaiser-Alexnat R	2009	Protease activities in the midgut of Western corn rootworm ( <i>Diabrotica virgifera virgifera</i> LeConte)	Journal of Invertebrate Pathology	100	169-174	<a href="http://dx.doi.org/10.1016/j.jip.2009.01.003">http://dx.doi.org/10.1016/j.jip.2009.01.003</a>
Biodiversity	Khishen AAE, Bohn MO, Prischmann-Voldseth DA, Dashiell KE, French BW, Hibbard BE	2009	Native Resistance to Western Corn Rootworm (Coleoptera: Chrysomelidae) Larval Feeding: Characterization and Mechanisms	Journal of Economic Entomology	102	2350-2359	<a href="http://dx.doi.org/10.1603/029.102.0642">http://dx.doi.org/10.1603/029.102.0642</a>
Biodiversity	Kim YT, Lee KS, Kim MJ, Kim SB	2009	Impact of cry1Ac-carrying <i>Brassica rapa</i> subsp. <i>pekinensis</i> on leaf bacterial community	The Journal of Microbiology	47	33-39	<a href="http://dx.doi.org/10.1007/s12275-008-0254-4">http://dx.doi.org/10.1007/s12275-008-0254-4</a>
Biodiversity	Kos M, van Loon JJA, Dicke M, Vet LEM	2009	Transgenic plants as vital components of integrated pest management	Trends in Biotechnology	27	621-627	<a href="http://dx.doi.org/10.1016/j.tibtech.2009.08.002">http://dx.doi.org/10.1016/j.tibtech.2009.08.002</a>
Biodiversity	Kramarz P, de Vaufléury A, Gimbert F, Cortet J, Tabone E, Andersen MN, Krogh PH	2009	Effects of Bt-maize material on the life cycle of the land snail <i>Cantareus aspersus</i>	Applied Soil Ecology	42	236-242	<a href="http://dx.doi.org/10.1016/j.apsoil.2009.04.007">http://dx.doi.org/10.1016/j.apsoil.2009.04.007</a>
Biodiversity	Kruger GR, Johnson WG, Weiler SC, Owen MDK, Shaw DR, Wilcut JW, Jordan DL, Wilson RG, Bernards ML, Young BG	2009	U.S. Grower Views on Problematic Weeds and Changes in Weed Pressure in Glyphosate-Resistant Corn, Cotton, and Soybean Cropping Systems	Weed Technology	23	162-166	<a href="http://dx.doi.org/10.1614/wt-08-040.1">http://dx.doi.org/10.1614/wt-08-040.1</a>

Biodiversity	Lawhorn CN, Neher DA, Dively GP	2009	Impact of coleopteran targeting toxin (Cry3Bb1) of Bt corn on microbially mediated decomposition	Applied Soil Ecology	41	364-368	<a href="http://dx.doi.org/10.1016/j.apsoil.2008.12.003">http://dx.doi.org/10.1016/j.apsoil.2008.12.003</a>
Biodiversity	Lawo NC, Wäckers FL, Romeis J	2009	Indian Bt Cotton Varieties Do Not Affect the Performance of Cotton Aphids	PLoS ONE	4		<a href="http://dx.doi.org/10.1371/journal.pone.0004804">http://dx.doi.org/10.1371/journal.pone.0004804</a>
Biodiversity	Letourneau DK, Hagen JA	2009	Plant fitness assessment for wild relatives of insect resistant crops	Environmental Biosafety Research	8	45-55	<a href="http://dx.doi.org/10.1051/ebr/2008024">http://dx.doi.org/10.1051/ebr/2008024</a>
Biodiversity	Liu B, Wang L, Zeng Q, Meng J, Hu W, Li X, Zhou K, Xue K, Liu D, Zheng Y	2009	Assessing effects of transgenic Cry1Ac cotton on the earthworm <i>Eisenia fetida</i>	Soil Biology and Biochemistry	41	1841-1846	<a href="http://dx.doi.org/10.1016/j.soilbio.2009.06.004">http://dx.doi.org/10.1016/j.soilbio.2009.06.004</a>
Biodiversity	Liu F, Xu Z, Zhu YC, Huang F, Wang Y, Li H, Li H, Gao C, Zhou W, Shen J	2009	Evidence of field - evolved resistance to Cry1Ac - expressing Bt cotton in <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae) in northern China	Pest Management Science	66	155-161	<a href="http://dx.doi.org/10.1002/ps.1849">http://dx.doi.org/10.1002/ps.1849</a>
Biodiversity	López - Pazos SA, Arias R, Carolina A, Ospina SA, Cerón J	2009	Activity of <i>Bacillus thuringiensis</i> hybrid protein against a lepidopteran and a coleopteran pest	FEMS Microbiology Letters	302	93-98	<a href="http://dx.doi.org/10.1111/j.1574-6968.2009.01821.x">http://dx.doi.org/10.1111/j.1574-6968.2009.01821.x</a>
Biodiversity	Lövei GL, Andow DA, Arpaia S	2009	Transgenic insecticidal crops and natural enemies: a detailed review of laboratory studies	Environmental Entomology	38	293-306	
Biodiversity	Mahon RJ, Olsen KM	2009	Limited survival of a Cry2Ab-resistant strain of <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae) on Bollgard II	Journal of Economic Entomology	102	708-716	
Biodiversity	Muñoz-Garay C, Portugal L, Pardo-López L, Jiménez-Juárez N, Arenas I, Gómez I, Sánchez-López R, Arroyo R, Holzenburg A, Sawa CG, Soberón M, Bravo A	2009	Characterization of the mechanism of action of the genetically modified Cry1AbMod toxin that is active against Cry1Ab-resistant insects	Biochimica et Biophysica Acta (BBA) - Biomembranes	1788	2229-2237	<a href="http://dx.doi.org/10.1016/j.bbmem.2009.06.014">http://dx.doi.org/10.1016/j.bbmem.2009.06.014</a>
Biodiversity	Naranjo SE	2009	Impacts of Bt crops on non-target invertebrates and insecticide use patterns	CAB	4	01-Nov	<a href="http://dx.doi.org/10.1079/pavsnm/20094011">http://dx.doi.org/10.1079/pavsnm/20094011</a>
Biodiversity	Park Y, Abdullah MAF, Taylor MD, Rahman K, Adang MJ	2009	Enhancement of <i>Bacillus thuringiensis</i> Cry3Aa and Cry3Bb Toxicities to Coleopteran Larvae by a Toxin-Binding Fragment of an Insect Cadherin	Applied and Environmental Microbiology	75	3086-3092	<a href="http://dx.doi.org/10.1128/aem.00268-09">http://dx.doi.org/10.1128/aem.00268-09</a>
Biodiversity	Prasifka JR, Hellmich RL, Sumerford DV, Siegfried BD	2009	<i>Bacillus thuringiensis</i> Resistance Influences European Corn Borer (Lepidoptera: Crambidae) Larval Behavior After Exposure to Cry1Ab	Journal of Economic Entomology	102	781-787	<a href="http://dx.doi.org/10.1603/029.102.0240">http://dx.doi.org/10.1603/029.102.0240</a>
Biodiversity	Rajagopal R, Arora N, Sivakumar S, Rao Nagari GV, Nimbalkar Sharad A, Bhatnagar Raj K	2009	Resistance of <i>Helicoverpa armigera</i> to Cry1Ac toxin from <i>Bacillus thuringiensis</i> is due to improper processing of the protoxin	Biochemical Journal	419		<a href="http://dx.doi.org/10.1042/bj20081152">http://dx.doi.org/10.1042/bj20081152</a>
Biodiversity	Rauschen S, Schultheis E, Pagel-Wieder S, Schuphan I, Eber S	2009	Impact of Bt-corn MON88017 in comparison to three conventional lines on <i>Trigonotylus caelestialium</i> (Kirkaldy) (Heteroptera: Miridae) field densities	Transgenic Research	18	203-214	<a href="http://dx.doi.org/10.1007/s11248-008-9207-2">http://dx.doi.org/10.1007/s11248-008-9207-2</a>
Biodiversity	Sarkar B, Patra AK, Purakayastha T, Megharaj M	2009	Assessment of biological and biochemical indicators in soil under transgenic Bt and non-Bt cotton crop in a sub-tropical environment	Environmental Monitoring and Assessment	156	595-604	<a href="http://dx.doi.org/10.1007/s10661-008-0508-y">http://dx.doi.org/10.1007/s10661-008-0508-y</a>
Biodiversity	Schmidt JEU, Braun CU, Whitehouse LP, Hilbeck A	2009	Effects of activated Bt transgene products (Cry1Ab, Cry3Bb) on immature stages of the ladybird <i>Adalia bipunctata</i> in laboratory ecotoxicity testing	Archives of environmental contamination and toxicology	56	221-228	<a href="http://dx.doi.org/10.1007/s00244-008-9191-9">http://dx.doi.org/10.1007/s00244-008-9191-9</a>
Biodiversity	Shelton A, Naranjo S, Romeis J, Hellmich R, Wolt J, Federici B, Albajes R, Bigler F, Burgess E, Dively G, Gatehouse A, Malone L, Roush R, Sears M, Sehmal F	2009	Setting the record straight: a rebuttal to an erroneous analysis on transgenic insecticidal crops and natural enemies	Transgenic Research	18	317-322	<a href="http://dx.doi.org/10.1007/s11248-009-9260-5">http://dx.doi.org/10.1007/s11248-009-9260-5</a>
Biodiversity	Soberón M, Gill S, Bravo A	2009	Signaling versus punching hole: How do <i>Bacillus thuringiensis</i> toxins kill insect midgut cells?	Cellular and Molecular Life Sciences	66	1337-1349	

Biodiversity	Stefani FOP, Moncalvo J-M, Séguin A, Bérubé JA, Hamelin RC	2009	Impact of an 8-Year-Old Transgenic Poplar Plantation on the Entomycorrhizal Fungal Community	Applied and Environmental Microbiology	75	7527-7536	<a href="http://dx.doi.org/10.1128/aem.011120-09">http://dx.doi.org/10.1128/aem.011120-09</a>
Biodiversity	Tabashnik BE, Umnithan GC, Masson L, Crowder DW, Li X, Carrière Y	2009	Asymmetrical cross-resistance between <i>Bacillus thuringiensis</i> toxins Cry1Ac and Cry2Ab in pink bollworm	Proceedings of the National Academy of Sciences of the United States of America	106	11889-11894	<a href="http://dx.doi.org/10.1073/pnas.0901351106">http://dx.doi.org/10.1073/pnas.0901351106</a>
Biodiversity	Tabashnik BE, Van Rensburg JBJ, Carrière Y	2009	Field-evolved insect resistance to Bt crops: definition, theory, and data	Journal of Economic Entomology	102	2011-2025	
Biodiversity	Tindall KV, Willrich Siebert M, Leonard BR, All J, Haile FJ	2009	Efficacy of Cry1Ac:Cry1F Proteins in Cotton Leaf Tissue Against Fall Armyworm, Beet Armyworm, and Soybean Looper (Lepidoptera: Noctuidae)	Journal of Economic Entomology	102	1497-1505	<a href="http://dx.doi.org/10.1603/029.102.0414">http://dx.doi.org/10.1603/029.102.0414</a>
Biodiversity	Wang Z-j, Lin H, Huang J-k, Hu R-f, Rozelle S, Pray C	2009	Bt Cotton in China: Are Secondary Insect Infestations Offsetting the Benefits in Farmer Fields?	Agricultural Sciences in China	8	83-90	<a href="http://dx.doi.org/10.1016/s1671-2927(09)60012-2">http://dx.doi.org/10.1016/s1671-2927(09)60012-2</a>
Biodiversity	Weinert N, Meincke R, Gottwald C, Heuer H, Gomes NCM, Schloter M, Berg G, Smalla K	2009	Rhizosphere Communities of Genetically Modified Zeaxanthin-Accumulating Potato Plants and Their Parent Cultivar Differ Less than Those of Different Potato Cultivars	Applied and Environmental Microbiology	75	3859-3865	<a href="http://dx.doi.org/10.1128/aem.00414-09">http://dx.doi.org/10.1128/aem.00414-09</a>
Biodiversity	Wu G, Harris MK, Guo JY, Wan FH	2009	Response of multiple generations of beet armyworm, <i>Spodoptera exigua</i> (Hübner), feeding on transgenic Bt cotton	Journal of Applied Entomology	133	90-100	<a href="http://dx.doi.org/10.1111/j.1439-0418.2008.01328.x">http://dx.doi.org/10.1111/j.1439-0418.2008.01328.x</a>
Biodiversity	Wu X, Huang F, Rogers Leonard B, Ottea J	2009	Inheritance of resistance to <i>Bacillus thuringiensis</i> Cry1Ab protein in the sugarcane borer (Lepidoptera: Crambidae)	Journal of Invertebrate Pathology	102	44-49	<a href="http://dx.doi.org/10.1016/j.jip.2009.06.006">http://dx.doi.org/10.1016/j.jip.2009.06.006</a>
Biodiversity	Wu X, Rogers Leonard B, Zhu YC, Abel CA, Head GP, Huang F	2009	Susceptibility of Cry1Ab-resistant and -susceptible sugarcane borer (Lepidoptera: Crambidae) to four <i>Bacillus thuringiensis</i> toxins	Journal of Invertebrate Pathology	100	29-34	<a href="http://dx.doi.org/10.1016/j.jip.2008.10.003">http://dx.doi.org/10.1016/j.jip.2008.10.003</a>
Biodiversity	Xu Z, Liu F, Chen J, Huang F, Andow DA, Wang Y, Zhu YC, Shen J	2009	Using an F2 screen to monitor frequency of resistance alleles to Bt cotton in field populations of <i>Helicoverpa armigera</i> (Hübner) (Lepidoptera: Noctuidae)	Pest Management Science	65	391-397	<a href="http://dx.doi.org/10.1002/ps.1703">http://dx.doi.org/10.1002/ps.1703</a>
Biodiversity	Yu Q, Abdallah I, Han H, Owen M, Powles S	2009	Distinct non-target site mechanisms endow resistance to glyphosate, ACCase and ALS-inhibiting herbicides in multiple herbicide-resistant <i>Lolium rigidum</i>	Planta	230	713-723	<a href="http://dx.doi.org/10.1007/s00425-009-0981-8">http://dx.doi.org/10.1007/s00425-009-0981-8</a>
Biodiversity	An J, Gao Y, Wu K, Gould F, Gao J, Shen Z, Lei C	2010	Vip3Aa Tolerance Response of <i>Helicoverpa armigera</i> Populations from a Cry1Ac Cotton Planting Region	Journal of Economic Entomology	103	2169-2173	<a href="http://dx.doi.org/10.1603/ec10105">http://dx.doi.org/10.1603/ec10105</a>
Biodiversity	Andow DA, Farrell SL, Hu Y	2010	Planting Patterns of In-Field Refuges Observed for Bt Maize in Minnesota	Journal of Economic Entomology	103	1394-1399	<a href="http://dx.doi.org/10.1603/ec09201">http://dx.doi.org/10.1603/ec09201</a>
Biodiversity	Balog A, Kiss J, Szekeres D, Szénási Á, Markó V	2010	Rove beetle (Coleoptera: Staphylinidae) communities in transgenic Bt (MON810) and near isogenic maize	Crop Protection	29	567-571	<a href="http://dx.doi.org/10.1016/j.cropro.2009.12.020">http://dx.doi.org/10.1016/j.cropro.2009.12.020</a>
Biodiversity	Bergé JB, Ricroch AE	2010	Emergence of minor pests becoming major pests in GE cotton in China: What are the reasons? What are the alternatives practices to this change of status?	GM crops	1	214-219	<a href="http://dx.doi.org/10.4161/gmcr.1.4.13421">http://dx.doi.org/10.4161/gmcr.1.4.13421</a>
Biodiversity	Burkness EC, Dively G, Patton T, Morey A C, Hutchison WD	2010	Novel Vip3A <i>Bacillus thuringiensis</i> (Bt) maize approaches high-dose efficacy against <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae) under field conditions: Implications for resistance management	GM crops	1	337-343	<a href="http://dx.doi.org/10.4161/gmcr.1.5.14765">http://dx.doi.org/10.4161/gmcr.1.5.14765</a>
Biodiversity	Carpenter JE	2010	Peer-reviewed surveys indicate positive impact of commercialized GM crops	Nature Biotechnology	28	319-321	<a href="http://dx.doi.org/10.1038/nbt0410-319">http://dx.doi.org/10.1038/nbt0410-319</a>
Biodiversity	Chambers CP, Whiles MR, Rosi-Marshall E, J. Tank J L, Royer TV, Griffiths NA, Evans-White MA, Stojak AR	2010	Responses of stream macroinvertebrates to Bt maize leaf detritus	Ecological Applications: A Publication of the Ecological Society of America	20	1949-1960	

Biodiversity	Desneux N, Ramirez-Romero R, Bokonon-Ganta AH, Bernal JS	2010	Attraction of the parasitoid <i>Cotesia marginiventris</i> to host ( <i>Spodoptera frugiperda</i> ) frass is affected by transgenic maize	Ecotoxicology (London, England)	19	1183-1192	<a href="http://dx.doi.org/10.1007/s10646-010-0502-3">http://dx.doi.org/10.1007/s10646-010-0502-3</a>
Biodiversity	Dorhout DL, Rice ME	2010	Intraguild Competition and Enhanced Survival of Western Bean Cutworm (Lepidoptera: Noctuidae) on Transgenic Cry1Ab (MON810) <i>Bacillus thuringiensis</i> Corn	Journal of Economic Entomology	103	54-62	<a href="http://dx.doi.org/10.1603/ec09247">http://dx.doi.org/10.1603/ec09247</a>
Biodiversity	Downes S, Parker T, Mahon R	2010	Incipient Resistance of <i>Helicoverpa punctigera</i> to the Cry2Ab Bt Toxin in Bollgard II® Cotton	PLOS ONE	5		<a href="http://dx.doi.org/10.1371/journal.pone.0012567">http://dx.doi.org/10.1371/journal.pone.0012567</a>
Biodiversity	Downes S, Parker TL, Mahon RJ	2010	Characteristics of Resistance to <i>Bacillus thuringiensis</i> Toxin Cry2Ab in a Strain of <i>Helicoverpa punctigera</i> (Lepidoptera: Noctuidae) Isolated from a Field Population	Journal of Economic Entomology	103	2147-2154	<a href="http://dx.doi.org/10.1603/ec09289">http://dx.doi.org/10.1603/ec09289</a>
Biodiversity	Duan JJ, Lundgren JG, Naranjo S, Marvier M	2010	Extrapolating non-target risk of Bt crops from laboratory to field	Biology Letters	6	74-77	<a href="http://dx.doi.org/10.1098/rsbl.2009.0612">http://dx.doi.org/10.1098/rsbl.2009.0612</a>
Biodiversity	Felke M, Langenbruch G-A, Feiertag S, Kassa A	2010	Effect of Bt-176 maize pollen on first instar larvae of the Peacock butterfly ( <i>Inachis io</i> ) (Lepidoptera: Nymphalidae)	Environmental Biosafety Research	9	05-Dec	<a href="http://dx.doi.org/10.1051/ebnr/2010006">http://dx.doi.org/10.1051/ebnr/2010006</a>
Biodiversity	Gaines TA, Zhang W, Wang D, Bukun B, Chisholm ST, Shaner DL, Nissen SJ, Patzoldt WL, Tranel PJ, Culpepper AS, Grey TL, Webster TM, Vencill WK, Sammons RD, Jiang J, Preston C, Leach JE, Westra P	2010	Gene amplification confers glyphosate resistance in <i>Amaranthus palmeri</i>	Proceedings of the National Academy of Sciences	107	1029-1034	<a href="http://dx.doi.org/10.1073/pnas.0906649107">http://dx.doi.org/10.1073/pnas.0906649107</a>
Biodiversity	Gao Y-L, Feng H-Q, Wu K-M	2010	Regulation of the seasonal population patterns of <i>Helicoverpa armigera</i> moths by Bt cotton planting	Transgenic Research	19	557-562	<a href="http://dx.doi.org/10.1007/s11248-009-9337-1">http://dx.doi.org/10.1007/s11248-009-9337-1</a>
Biodiversity	Goldstein JA, Mason CE, Peseck J	2010	Dispersal and Movement Behavior of Neonate European Corn Borer (Lepidoptera: Crambidae) on Non-Bt and Transgenic Bt Corn	Journal of Economic Entomology	103	331-339	<a href="http://dx.doi.org/10.1603/ec09304">http://dx.doi.org/10.1603/ec09304</a>
Biodiversity	Gong Y, Wang C, Yang Y, Wu S, Wu Y	2010	Characterization of resistance to <i>Bacillus thuringiensis</i> toxin Cry1Ac in <i>Plutella xylostella</i> from China	Journal of Invertebrate Pathology	104	90-96	<a href="http://dx.doi.org/10.1016/j.jip.2010.02.003">http://dx.doi.org/10.1016/j.jip.2010.02.003</a>
Biodiversity	Gray ME	2010	Relevance of Traditional Integrated Pest Management (IPM) Strategies for Commercial Corn Producers in a Transgenic Agroecosystem: A Bygone Era?	J. Agric. Food Chem.	59	5852-5858	<a href="http://dx.doi.org/10.1021/jf102673s">http://dx.doi.org/10.1021/jf102673s</a>
Biodiversity	Hibbard BE, Clark TL, Eilersieck MR, Meihls LN, Khishen AAE, Kaster V, Steiner H-Y, Kurtz R	2010	Mortality of Western Corn Rootworm Larvae on MIR604 Transgenic Maize Roots: Field Survivorship Has No Significant Impact on Survivorship of F1 Progeny on MIR604	Journal of Economic Entomology	103	2187-2196	<a href="http://dx.doi.org/10.1603/ec10179">http://dx.doi.org/10.1603/ec10179</a>
Biodiversity	Hibbard BE, Meihls LN, Eilersieck MR, Onstad DW	2010	Density-dependent and density-independent mortality of the western corn rootworm: impact on dose calculations of rootworm-resistant Bt corn	Journal of Economic Entomology	103	77-84	
Biodiversity	Hutchison WD, Burkness EC, Mitchell PD, Moon RD, Leslie TW, Fleischer SJ, Abrahamson M, Hamilton KL, Steffey KL, Gray ME, Hellmich RL, Kaster LV, Hunt TE, Wright RJ, Pecinovsky K, Rababe TL, Flood BR, Raun ES	2010	Area-wide Suppression of European Corn Borer with Bt Maize Reaps Savings to Non-Bt Maize Growers	Science	330	222-225	<a href="http://dx.doi.org/10.1126/science.1190242">http://dx.doi.org/10.1126/science.1190242</a>

Biodiversity	Imura O, Shi K, Imura K, Takamizoto T	2010	Assessing the effects of cultivating genetically modified glyphosate-tolerant varieties of soybeans ( <i>Glycine max</i> (L.) Merr.) on populations of field arthropods	Environmental Biosafety Research	9	101-112	<a href="http://dx.doi.org/10.1051/eb/2010010">http://dx.doi.org/10.1051/eb/2010010</a>
Biodiversity	Jensen PD, Dively GP, Swan CW, Lamp WO	2010	Exposure and nontarget effects of transgenic Bt corn debris in streams	Environmental Entomology	39	707-714	<a href="http://dx.doi.org/10.1603/en09037">http://dx.doi.org/10.1603/en09037</a>
Biodiversity	Kapur M, Bhatia R, Pandey G, Pandey J, Paul D, Jain R	2010	A Case Study for Assessment of Microbial Community Dynamics in Genetically Modified Bt Cotton Crop Fields	Current Microbiology	61	118-124	<a href="http://dx.doi.org/10.1007/s00284-010-9585-6">http://dx.doi.org/10.1007/s00284-010-9585-6</a>
Biodiversity	Lee S-H, Kim C-G, Kang H	2010	Temporal Dynamics of Bacterial and Fungal Communities in a Genetically Modified (GM) Rice Ecosystem	Microbial Ecology	61	646-659	<a href="http://dx.doi.org/10.1007/s00248-010-9776-5">http://dx.doi.org/10.1007/s00248-010-9776-5</a>
Biodiversity	Li G, Feng H, Chen P, Wu S, Liu B, Qiu F	2010	Effects of transgenic Bt cotton on the population density, oviposition behavior, development, and reproduction of a nontarget pest, <i>Adelphocoris suturalis</i> (Hemiptera: Miridae)	Environmental Entomology	39	1378-1387	<a href="http://dx.doi.org/10.1603/en09223">http://dx.doi.org/10.1603/en09223</a>
Biodiversity	Li Y, Meisale M, Romeis J	2010	Use of maize pollen by adult <i>Chrysoperla carnea</i> (Neuroptera: Chrysopidae) and fate of Cry proteins in Bt-transgenic varieties	Journal of Insect Physiology	56	157-164	<a href="http://dx.doi.org/10.1016/j.jinsphys.2009.09.011">http://dx.doi.org/10.1016/j.jinsphys.2009.09.011</a>
Biodiversity	Li Y, Romeis J	2010	Bt maize expressing Cry3Bb1 does not harm the spider mite, <i>Tetranychus urticae</i> , or its ladybird beetle predator, <i>Stethorus punctillum</i>	Biological Control	53	337-344	<a href="http://dx.doi.org/10.1016/j.biocontrol.2009.12.003">http://dx.doi.org/10.1016/j.biocontrol.2009.12.003</a>
Biodiversity	Lin C-H, Pan T-M	2010	PCR-denaturing gradient gel electrophoresis analysis to assess the effects of a genetically modified cucumber mosaic virus-resistant tomato plant on soil microbial communities	Applied and Environmental Microbiology	76	3370-3373	<a href="http://dx.doi.org/10.1128/aem.00018-10">http://dx.doi.org/10.1128/aem.00018-10</a>
Biodiversity	Liu N, Zhu P, Peng C, Kang L, Gao H, Clarke NJ, Clarke JL	2010	Effect on soil chemistry of genetically modified (GM) vs. non-GM maize	GM crops	1	157-161	<a href="http://dx.doi.org/10.4161/gmcr.1.3.12810">http://dx.doi.org/10.4161/gmcr.1.3.12810</a>
Biodiversity	Liu W	2010	Do genetically modified plants impact arbuscular mycorrhizal fungi?	Ecotoxicology	19	229-238	<a href="http://dx.doi.org/10.1007/s10646-009-0423-1">http://dx.doi.org/10.1007/s10646-009-0423-1</a>
Biodiversity	Lottmann J, O'Callaghan M, Baird D, Walter C	2010	Bacterial and fungal communities in the rhizosphere of field-grown genetically modified pine trees ( <i>Pinus radiata</i> D.)	Environmental Biosafety Research	9	25-40	<a href="http://dx.doi.org/10.1051/eb/2010007">http://dx.doi.org/10.1051/eb/2010007</a>
Biodiversity	Lu Y, Wu K, Jiang Y, Xia B, Li P, Feng H, Wyckhuys KAG, Guo Y	2010	Minid Bug Outbreaks in Multiple Crops Correlated with Wide-Scale Adoption of Bt Cotton in China	Science	328	1151-1154	<a href="http://dx.doi.org/10.1126/science.1187881">http://dx.doi.org/10.1126/science.1187881</a>
Biodiversity	Malone LA, Todd JH, Burgess EPJ, Walter C, Wagner A, Barratt BIP	2010	Developing risk hypotheses and selecting species for assessing non-target impacts of GM trees with novel traits: the case of altered-lignin pine trees	Environmental Biosafety Research	9	181-198	<a href="http://dx.doi.org/10.1051/eb/2011109">http://dx.doi.org/10.1051/eb/2011109</a>
Biodiversity	Mann RS, Gill RS, Dhawan AK, Shera PS	2010	Relative abundance and damage by target and non-target insects on Bollgard and BollgardII cotton cultivars	Crop Protection	29	793-801	<a href="http://dx.doi.org/10.1016/j.cropro.2010.04.006">http://dx.doi.org/10.1016/j.cropro.2010.04.006</a>
Biodiversity	Murphy AF, Ginzler MD, Krupke CH	2010	Evaluating western corn rootworm (Coleoptera: Chrysomelidae) emergence and root damage in a seed mix refuge	Journal of Economic Entomology	103	147-157	
Biodiversity	National Research C	2010	Impact of Genetically Engineered Crops on Farm Sustainability in the United States			270	
Biodiversity	Onstad DW, Meinke LJ	2010	Modeling Evolution of <i>Diabrotica virgifera virgifera</i> (Coleoptera: Chrysomelidae) to Transgenic Corn with Two Insecticidal Traits	Journal of Economic Entomology	103	849-860	<a href="http://dx.doi.org/10.1603/ec09199">http://dx.doi.org/10.1603/ec09199</a>
Biodiversity	O'Rourke ME, Sappington TW, Feischer SJ	2010	Managing resistance to Bt crops in a genetically variable insect herbivore, <i>Ostrinia nubilalis</i>	Ecological Applications: A Publication of the Ecological Society of America	20	1228-1236	

Biodiversity	Perry JN, Devos Y, Arpaia S, Bartsch D, Gathmann A, Hails RS, Kiss J, Lheureux K, Manachini B, Mestdagh S, Neemann G, Ortego F, Schiemann J, Sweet JB	2010	A mathematical model of exposure of non-target Lepidoptera to Bt-maize pollen expressing Cry1Ab within Europe	Proceedings of the Royal Society B: Biological Sciences	107	955-956	<a href="http://dx.doi.org/10.1098/rspb.2009.2091">http://dx.doi.org/10.1098/rspb.2009.2091</a>
Biodiversity	Powles SB	2010	Gene amplification delivers glyphosate-resistant weed evolution	Proceedings of the National Academy of Sciences	107	955-956	<a href="http://dx.doi.org/10.1073/pnas.0913433107">http://dx.doi.org/10.1073/pnas.0913433107</a>
Biodiversity	Rauschen S, Schaarschmidt F, Gathmann A	2010	Occurrence and field densities of Coleoptera in the maize herb layer: implications for Environmental Risk Assessment of genetically modified Bt-maize	Transgenic Research	19	727-744	<a href="http://dx.doi.org/10.1007/s11248-009-9351-3">http://dx.doi.org/10.1007/s11248-009-9351-3</a>
Biodiversity	Rauschen S, Schultzeis E, Hunfeld H, Schaarschmidt F, Schuphan I, Eber S	2010	Diabrotica-resistant Bt-maize DKc5143 event MON88017 has no impact on the field densities of the leafhopper <i>Zyginidia scutellaris</i>	Environmental Biosafety Research	9	87-99	<a href="http://dx.doi.org/10.1051/embr/201010012">http://dx.doi.org/10.1051/embr/201010012</a>
Biodiversity	Raven PH	2010	Does the use of transgenic plants diminish or promote biodiversity?	New Biotechnology	27	528-533	<a href="http://dx.doi.org/10.1016/j.nbt.2010.07.018">http://dx.doi.org/10.1016/j.nbt.2010.07.018</a>
Biodiversity	Raybould A, Vlachos D	2010	Non-target organism effects tests on Vip3A and their application to the ecological risk assessment for cultivation of MIR162 maize	Transgenic Research	20	599-611	<a href="http://dx.doi.org/10.1007/s11248-010-9442-1">http://dx.doi.org/10.1007/s11248-010-9442-1</a>
Biodiversity	Sayed A, Wrechman B, Struewing I, Smith M, French W, Nielsen C, Bagley M	2010	Isolation of transcripts from <i>Diabrotica virgifera virgifera</i> LeConte responsive to the Bacillus thuringiensis toxin Cry3Bb1	Insect Molecular Biology	19	381-389	<a href="http://dx.doi.org/10.1111/j.1365-2583.2010.00998.x">http://dx.doi.org/10.1111/j.1365-2583.2010.00998.x</a>
Biodiversity	Tabashnik BE, Carrière Y	2010	Field-Evolved Resistance to Bt Cotton: Bollworm in the U.S. and Pink Bollworm in India	Southwestern Entomologist	35	417-424	<a href="http://dx.doi.org/10.3958/059.035.0326">http://dx.doi.org/10.3958/059.035.0326</a>
Biodiversity	Tank JL, Rosi-Marshall EJ, Royer TV, Whiles MR, Griffiths NA, Fraundorf T C, Treering DJ	2010	Occurrence of maize detritus and a transgenic insecticidal protein (Cry1Ab) within the stream network of an agricultural landscape	Proceedings of the National Academy of Sciences of the United States of America	107	17645-17650	<a href="http://dx.doi.org/10.1073/pnas.1006925107">http://dx.doi.org/10.1073/pnas.1006925107</a>
Biodiversity	Tian JC, Liu ZC, Chen M, Chen Y, Chen XX, Peng YF, Hu C, Ye GY	2010	Laboratory and field assessments of prey-mediated effects of transgenic Bt rice on <i>Ummeliata insecticeps</i> (Araneida: Linyphiidae)	Environmental Entomology	39	1369-1377	<a href="http://dx.doi.org/10.1603/en10003">http://dx.doi.org/10.1603/en10003</a>
Biodiversity	Wouw M, Hintum T, Klik C, Treuren R, Visser B	2010	Genetic diversity trends in twentieth century crop cultivars: a meta analysis	Theoretical and Applied Genetics	120	1241-1252	<a href="http://dx.doi.org/10.1007/s00122-009-1252-6">http://dx.doi.org/10.1007/s00122-009-1252-6</a>
Biodiversity	Zeilinger AR, Andow DA, Zwanen C, Stotzky G	2010	Earthworm populations in a northern U.S. Cornbelt soil are not affected by long-term cultivation of Bt maize expressing Cry1Ab and Cry3Bb1 proteins	Soil Biology and Biochemistry	42	1284-1292	<a href="http://dx.doi.org/10.1016/j.soilbio.2010.04.004">http://dx.doi.org/10.1016/j.soilbio.2010.04.004</a>
Biodiversity	Zhao J, Jin L, Yang Y, Wu Y	2010	Diverse cadherin mutations conferring resistance to Bacillus thuringiensis toxin Cry1Ac in <i>Helicoverpa armigera</i>	Insect Biochemistry and Molecular Biology	40	113-118	<a href="http://dx.doi.org/10.1016/j.ibmb.2010.01.001">http://dx.doi.org/10.1016/j.ibmb.2010.01.001</a>
Biodiversity	Alvarez-Alfageme F, Bigler F, Romeis J	2011	Laboratory toxicity studies demonstrate no adverse effects of Cry1Ab and Cry3Bb1 to larvae of <i>Adalia bipunctata</i> (Coleoptera: Coccinellidae): the importance of study design	Transgenic Research	20	467-479	<a href="http://dx.doi.org/10.1007/s11248-010-9430-5">http://dx.doi.org/10.1007/s11248-010-9430-5</a>
Biodiversity	Alyokhin A	2011	Scant evidence supports EPA's pyramided Bt corn refuge size of 5%	Nature Biotechnology	29	577-578	<a href="http://dx.doi.org/10.1038/nbt.1911">http://dx.doi.org/10.1038/nbt.1911</a>
Biodiversity	Bai Y, Yan R, Ke X, Ye G, Huang F, Luo Y, Cheng J	2011	Effects of transgenic Bt rice on growth, reproduction, and superoxide dismutase activity of <i>Folsomia candida</i> (Collembola: Isotomidae) in laboratory studies	Journal of Economic Entomology	104	1892-1899	
Biodiversity	Baxter SW, Badenes-Pérez FR, Morrison A, Vogel H, Crickmore N, Kain W, Wang P, Heckel DG, Jiggins CD	2011	Parallel Evolution of Bacillus Thuringiensis Toxin Resistance in Lepidoptera	Genetics	189	675-679	<a href="http://dx.doi.org/10.1534/genetics.111.130971">http://dx.doi.org/10.1534/genetics.111.130971</a>

Biodiversity	Burgess EP,J,Barracough EI,Kean AM,Walter C,Malone LA	2011	No Impact of Transgenic nptII-leafy Pinus radiata (Pinales: Pinaceae) on Pseudocoremia suavis (Lepidoptera: Geometridae) or its Endoparasitoid Meteorus pulchricornis (Hymenoptera: Braconidae)	Environmental Entomology	40	1331-1340	<a href="http://dx.doi.org/10.1603/en11116">http://dx.doi.org/10.1603/en11116</a>
Biodiversity	Burgio G,Dinelli G,Marotti I,Zurita M,Bosi S,Lanzoni A	2011	Bt-toxin uptake by the non-target herbivore, Myzus persicae (Hemiptera: Aphididae), feeding on transgenic oilseed rape in laboratory conditions	Bulletin of Entomological Research	101	241-247	<a href="http://dx.doi.org/10.1017/s0007485310000441">http://dx.doi.org/10.1017/s0007485310000441</a>
Biodiversity	Burkness EC,O'Rourke PK,Hutchison WD	2011	Cross-Pollination of Nontransgenic Corn Ears with Transgenic Bt Corn: Efficacy Against Lepidopteran Pests and Implications for Resistance Management	Journal of Economic Entomology	104	1476-1479	<a href="http://dx.doi.org/10.1603/ec11081">http://dx.doi.org/10.1603/ec11081</a>
Biodiversity	Carpenter JE	2011	Impact of GM crops on biodiversity	GM crops	2	Jul-23	<a href="http://dx.doi.org/10.4161/gmcr.2.1.15086">http://dx.doi.org/10.4161/gmcr.2.1.15086</a>
Biodiversity	Chaplin - Kramer R,O'Rourke ME,Biltzer E,J,Kremen C	2011	A meta - analysis of crop pest and natural enemy response to landscape complexity	Ecology letters	14	922-932	<a href="http://dx.doi.org/10.1111/j.1461-0248.2011.01642.x">http://dx.doi.org/10.1111/j.1461-0248.2011.01642.x</a>
Biodiversity	Cheeke TE,Pace BA,Rosenstiel TN,Cruzan MB	2011	The influence of fertilizer level and spore density on arbuscular mycorrhizal colonization of transgenic Bt 11 maize (Zea mays) in experimental microcosms	FEMS Microbiology Ecology	75	304-312	<a href="http://dx.doi.org/10.1111/j.1574-6941.2010.01013.x">http://dx.doi.org/10.1111/j.1574-6941.2010.01013.x</a>
Biodiversity	Cui J,Luo J,Werf WVD,Ma Y,Xia J	2011	Effect of Pyramiding Bt and CpTI Genes on Resistance of Cotton to Helicoverpa armigera (Lepidoptera: Noctuidae) Under Laboratory and Field Conditions	Journal of Economic Entomology	104	673-684	<a href="http://dx.doi.org/10.1603/ec09228">http://dx.doi.org/10.1603/ec09228</a>
Biodiversity	D'Angelo-Picard C,Chapelle E,Ratet P,Faure D,Dessaux Y	2011	Transgenic plants expressing the quorum quenching lactonase AtIqM do not significantly alter root-associated bacterial populations	Research in microbiology	162	951-958	<a href="http://dx.doi.org/10.1016/j.resmic.2011.01.009">http://dx.doi.org/10.1016/j.resmic.2011.01.009</a>
Biodiversity	Dhurua S,Gujar GT	2011	Field-evolved resistance to Bt toxin Cry1Ac in the pink bollworm, Pectinophora gossypiella (Saunders) (Lepidoptera: Gelechiidae), from India	Pest Management Science	67	898-903	<a href="http://dx.doi.org/10.1002/ps.2127">http://dx.doi.org/10.1002/ps.2127</a>
Biodiversity	Fabrick JA,Mathew LG,Tabashnik BE,Li X	2011	Insertion of an intact CR1 retrotransposon in a cadherin gene linked with Bt resistance in the pink bollworm, Pectinophora gossypiella	Insect Molecular Biology	20	651-665	<a href="http://dx.doi.org/10.1111/j.1365-2583.2011.01095.x">http://dx.doi.org/10.1111/j.1365-2583.2011.01095.x</a>
Biodiversity	Frank DL,Bukowsky R,French BW,Hibbard BE	2011	Effect of MIR604 transgenic maize at different stages of development on western corn rootworm (Coleoptera: Chrysomelidae) in a central Missouri field environment	Journal of Economic Entomology	104	2054-2061	
Biodiversity	Gassmann AJ,Petzold-Maxwell JL,Keweshan RS,Dunbar MW	2011	Field-Evolved Resistance to Bt Maize by Western Corn Rootworm	PLoS ONE	6		<a href="http://dx.doi.org/10.1371/journal.pone.0022629">http://dx.doi.org/10.1371/journal.pone.0022629</a>
Biodiversity	Gatehouse AMR,Ferry N,Edwards MG,Bell HA	2011	Insect-resistant biotech crops and their impacts on beneficial arthropods	Philosophical Transactions of the Royal Society of London. Series B, Biological Sciences	366	1438-1452	<a href="http://dx.doi.org/10.1098/rstb.2010.0330">http://dx.doi.org/10.1098/rstb.2010.0330</a>
Biodiversity	Gill TA,Sandoya G,Williams P,Luthe DS	2011	Belowground resistance to western corn rootworm in lepidopteran-resistant maize genotypes	Journal of Economic Entomology	104	299-307	
Biodiversity	Guo J,Wu G,Wan F	2011	Temporal allocation of metabolic tolerance to transgenic Bt cotton in beet armyworm, Spodoptera exigua (Lübner)	Science China. Life sciences	54	152-158	<a href="http://dx.doi.org/10.1007/s11427-010-4133-y">http://dx.doi.org/10.1007/s11427-010-4133-y</a>
Biodiversity	Hendriksma HP,Härtel S,Steffan-Dewenter I	2011	Testing pollen of single and stacked insect-resistant Bt-maize on in vitro reared honey bee larvae	PLoS ONE	6		<a href="http://dx.doi.org/10.1371/journal.pone.0028174">http://dx.doi.org/10.1371/journal.pone.0028174</a>

Biodiversity	Hibbard BE, Frank DL, Kurtz R, Boudreau E, Eilersieck MR, Odhiambo JF	2011	Mortality Impact of Bt Transgenic Maize Roots Expressing eCry3.1Ab, mCry3A, and eCry3.1Ab Plus mCry3A on Western Corn Rootworm Larvae in the Field	Journal of Economic Entomology	104	1584-1591	<a href="http://dx.doi.org/10.1603/ec11186">http://dx.doi.org/10.1603/ec11186</a>
Biodiversity	Höss S, Nguyen HT, Menzel R, Pagel-Wieder S, Miethling-Graf R, Tebbe CC, Jehle JA, Trauspurger W	2011	Assessing the risk posed to free-living soil nematodes by a genetically modified maize expressing the insecticidal Cry3Bb1 protein	Science of The Total Environment	409	2674-2684	<a href="http://dx.doi.org/10.1016/j.scitotenv.2011.03.041">http://dx.doi.org/10.1016/j.scitotenv.2011.03.041</a>
Biodiversity	Huang F, Ghimire MN, Leonard BR, Wang J, Daves C, Levy R, Cook D, Head GP, Yang Y, Temple J, Ferguson R	2011	F2 screening for resistance to pyramided <i>Bacillus thuringiensis</i> maize in Louisiana and Mississippi populations of <i>Diatraea saccharalis</i> (Lepidoptera: Crambidae)	Pest Management Science	67	1269-1276	<a href="http://dx.doi.org/10.1002/ps.2182">http://dx.doi.org/10.1002/ps.2182</a>
Biodiversity	Jurat-Fuentes JL, Karumbaiah L, Jukka SRK, Ning C, Liu C, Wu K, Jackson J, Gould F, Blanco C, Portilla M, Perera O, Adang M	2011	Reduced Levels of Membrane-Bound Alkaline Phosphatase Are Common to Lepidopteran Strains Resistant to Cry Toxins from <i>Bacillus thuringiensis</i>	PLoS ONE	6		<a href="http://dx.doi.org/10.1371/journal.pone.0017606">http://dx.doi.org/10.1371/journal.pone.0017606</a>
Biodiversity	Kaur P, Dilaawari VK	2011	Inheritance of resistance to <i>Bacillus thuringiensis</i> Cry1Ac toxin in <i>Helicoverpa armigera</i> (Hübner) (Lepidoptera: Noctuidae) from India	Pest Management Science	67	1294-1302	<a href="http://dx.doi.org/10.1002/ps.2185">http://dx.doi.org/10.1002/ps.2185</a>
Biodiversity	Kruger M, Rensburg JR, V, Berg JVD	2011	Resistance to Bt Maize in <i>Busseola fusca</i> (Lepidoptera: Noctuidae) from Vaalharts, South Africa	Environmental Entomology	40	477-483	<a href="http://dx.doi.org/10.1603/en09220">http://dx.doi.org/10.1603/en09220</a>
Biodiversity	Lee Y-E, Yang S-H, Bae T-W, Kang H-G, Lim P-O, Lee H-Y	2011	Effects of field-grown genetically modified <i>Zoysia</i> grass on bacterial community structure	Journal of Microbiology and Biotechnology	21	333-340	
Biodiversity	Letourneau DK, Ambrecht I, Rivera BS, Lerma JM, Carmona EJ, Daza MC, Escobar S, Galindo V, Gutiérrez C, López SD, Mejía JL, Rangel AMA, Rangel JH, Rivera L, Saavedra CA, Torres AM, Trujillo AR	2011	Does plant diversity benefit agroecosystems? A synthetic review	Ecological Applications: A Publication of the Ecological Society of America	21	Sep-21	
Biodiversity	Li Y, Romeis J, Wang P, Peng Y, Shelton AM	2011	A comprehensive assessment of the effects of Bt cotton on <i>Coleomegilla maculata</i> demonstrates no detrimental effects by Cry1Ac and Cry2Ab	PLoS ONE	6		<a href="http://dx.doi.org/10.1371/journal.pone.0022185">http://dx.doi.org/10.1371/journal.pone.0022185</a>
Biodiversity	Liu X, Chen M, Onstad D, Roush R, Shelton AM	2011	Effect of Bt broccoli and resistant genotype of <i>Plutella xylostella</i> (Lepidoptera: Plutellidae) on development and host acceptance of the parasitoid <i>Diadegma insulare</i> (Hymenoptera: Ichneumonidae)	Transgenic Research	20	887-897	<a href="http://dx.doi.org/10.1007/s11248-010-9471-9">http://dx.doi.org/10.1007/s11248-010-9471-9</a>
Biodiversity	Liu Z, Gao Y, Luo J, Lai F, Li Y, Fu Q, Peng Y	2011	Evaluating the Non-Rice Host Plant Species of <i>Sesamia inferens</i> (Lepidoptera: Noctuidae) as Natural Refuges: Resistance Management of Bt Rice	Environmental Entomology	40	749-754	<a href="http://dx.doi.org/10.1603/en10264">http://dx.doi.org/10.1603/en10264</a>
Biodiversity	Madliger M, Gasser CA, Schwaizenbach RP, Sander M	2011	Adsorption of Transgenic Insecticidal Cry1Ab Protein to Silica Particles. Effects on Transport and Bioactivity	Environ. Sci. Technol.	45	4377-4384	<a href="http://dx.doi.org/10.1021/es200022q">http://dx.doi.org/10.1021/es200022q</a>
Biodiversity	Manimaran P, Ramkumar G, Mohan M, Mangrathia SK, Padmakumari AP, Muthuraman P, J S B, Viraktamath BC, Balachandran SM	2011	Bt rice evaluation and deployment strategies	GM crops	2	135-137	<a href="http://dx.doi.org/10.4161/gmcr.2.3.19213">http://dx.doi.org/10.4161/gmcr.2.3.19213</a>
Biodiversity	Meihls LN, Higdon ML, Eilersieck M, Hibbard BE	2011	Selection for Resistance to mCry3A-Expressing Transgenic Corn in Western Corn Rootworm	Journal of Economic Entomology	104	1045-1054	<a href="http://dx.doi.org/10.1603/ec10320">http://dx.doi.org/10.1603/ec10320</a>
Biodiversity	Meissie M, Hellmich RL, Romeis J	2011	Impact of Cry3Bb1 - expressing Bt maize on adults of the western corn rootworm, <i>Diabrotica virgifera virgifera</i> (Coleoptera: Chrysomelidae)	Pest Management Science, Pest Management Science	67, 67	807-807-814, 814	<a href="http://dx.doi.org/10.1002/ps.2117">http://dx.doi.org/10.1002/ps.2117</a> , <a href="http://dx.doi.org/10.1002/ps.2117">10.1002/ps.2117</a>



Biodiversity	Meissie M, Romeis J, Bigler F	2011	Bt maize and integrated pest management - a European perspective	Pest Management Science, Pest Management Science	67, 67	1049-1049-1058, 1058	<a href="http://dx.doi.org/10.1002/ps.2221">http://dx.doi.org/10.1002/ps.2221</a> , 10.1002/ps.2221
Biodiversity	Miao J, Wu Y, Xu W, Hu L, Yu Z, Xu Q	2011	The impact of transgenic wheat expressing GNA (snowdrop lectin) on the aphids Sitobion avenae, Schizaphis graminum, and Rhopalosiphum padi	Environmental Entomology	40	743-748	<a href="http://dx.doi.org/10.1603/en10261">http://dx.doi.org/10.1603/en10261</a>
Biodiversity	Moraes MCB, Laumann RA, Aquino MFS, Paula DP, Borges M	2011	Effect of Bt genetic engineering on indirect defense in cotton via a tritrophic interaction	Transgenic Research	20	99-107	<a href="http://dx.doi.org/10.1007/s11248-010-9399-0">http://dx.doi.org/10.1007/s11248-010-9399-0</a>
Biodiversity	Oliveira GR, Silva MCM, Lucena WA, Nakasu EY, Firmino AAP, Beneventi MA, Souza DSL, Gomes JE, de Souza JDA, Rigden DJ, Ramos HB, Socol CR, Grossi-de-Sa MF	2011	Improving Cry8Ka toxin activity towards the cotton boll weevil ( <i>Anthonomus grandis</i> )	BMC Biotechnology	11		<a href="http://dx.doi.org/10.1186/1472-6750-11-85">http://dx.doi.org/10.1186/1472-6750-11-85</a>
Biodiversity	O'Rourke ME, Rienzo-Stack K, Power AG	2011	A multi-scale, landscape approach to predicting insect populations in agroecosystems	Ecological Applications: A Publication of the Ecological Society of America	21	1782-1791	
Biodiversity	Oswald KJ, French BW, Nielson C, Bagley M	2011	Selection for Cry3Bb1 Resistance in a Genetically Diverse Population of Nondiapause Western Corn Rootworm (Coleoptera: Chrysomelidae)	Journal of Economic Entomology	104	1038-1044	<a href="http://dx.doi.org/10.1603/ec10312">http://dx.doi.org/10.1603/ec10312</a>
Biodiversity	Ouyang F, Liu Z, Yin J, Su J, Wang C, Ge F	2011	Effects of transgenic Bt cotton on overwintering characteristics and survival of <i>Helicoverpa armigera</i>	Journal of Insect Physiology	57	153-160	<a href="http://dx.doi.org/10.1016/j.jinsphys.2010.10.007">http://dx.doi.org/10.1016/j.jinsphys.2010.10.007</a>
Biodiversity	Pan Z, Onstad DW, Nowatzki TM, Stanley BH, Meinke LJ, Flexner JL	2011	Western Corn Rootworm (Coleoptera: Chrysomelidae) Dispersal and Adaptation to Single-Toxin Transgenic Corn Deployed with Block or Blended Refuge	Environmental Entomology	40	964-978	<a href="http://dx.doi.org/10.1603/en10305">http://dx.doi.org/10.1603/en10305</a>
Biodiversity	Pérez-Hedo M, Albajes R, Elizaguire M	2011	Modification of Hormonal Balance in Larvae of the Corn Borer <i>Sesamia nonagrioides</i> (Lepidoptera: Noctuidae) Due to Sublethal <i>Bacillus thuringiensis</i> Protein Ingestion	Journal of Economic Entomology	104	853-861	<a href="http://dx.doi.org/10.1603/ec10449">http://dx.doi.org/10.1603/ec10449</a>
Biodiversity	Porta H, Jiménez G, Córdoba E, León P, Soberón M, Bravo A	2011	Tobacco plants expressing the Cry1AbMod toxin suppress tolerance to Cry1Ab toxin of <i>Manduca sexta</i> cadherin-silenced larvae	Insect Biochemistry and Molecular Biology	41	513-519	<a href="http://dx.doi.org/10.1016/j.ibmb.2011.04.013">http://dx.doi.org/10.1016/j.ibmb.2011.04.013</a>
Biodiversity	Razze JM, Mason CE, Pizzolato TD	2011	Feeding Behavior of Neonate <i>Ostrinia nubilalis</i> (Lepidoptera: Crambidae) on Cry1Ab Bt Corn: Implications for Resistance Management	Journal of Economic Entomology	104	806-813	<a href="http://dx.doi.org/10.1603/ec10287">http://dx.doi.org/10.1603/ec10287</a>
Biodiversity	Sanahuja G, Banakar R, Twyman RM, Capell T, Christou P	2011	<i>Bacillus thuringiensis</i> : a century of research, development and commercial applications	Plant Biotechnology Journal	9	283-300	<a href="http://dx.doi.org/10.1111/j.1467-7652.2011.00595.x">http://dx.doi.org/10.1111/j.1467-7652.2011.00595.x</a> , 10.1111/j.1467-7652.2011.00595.x
Biodiversity	Shu Y, Ma H, Du Y, Li Z, Feng Y, Wang J	2011	The presence of <i>Bacillus thuringiensis</i> (Bt) protein in earthworms <i>Eisenia fetida</i> has no deleterious effects on their growth and reproduction	Chemosphere	85	1648-1656	<a href="http://dx.doi.org/10.1016/j.chemosphere.2011.08.032">http://dx.doi.org/10.1016/j.chemosphere.2011.08.032</a>
Biodiversity	Simmons GS, McKemey AR, Morrison NI, O'Connell S, Tabashnik BE, Claus J, Fu G, Tang G, Sledge M, Walker AS, Phillips CE, Miller ED, Rose RI, Staten RT, Donnelly CA, Alphey L	2011	Field Performance of a Genetically Engineered Strain of Pink Bollworm	PLoS ONE	6		<a href="http://dx.doi.org/10.1371/journal.pone.0024110">http://dx.doi.org/10.1371/journal.pone.0024110</a>
Biodiversity	Vigouroux Y, Barnaud A, Scarcelli N, Thuillet A-C	2011	Biodiversity, evolution and adaptation of cultivated crops	Comptes Rendus Biologies	334	450-457	<a href="http://dx.doi.org/10.1016/j.crvi.2011.03.003">http://dx.doi.org/10.1016/j.crvi.2011.03.003</a>
Biodiversity	von Burg S, van Veen FJF, Alvarez-Afamege F, Romeis J	2011	Aphid-parasitoid community structure on genetically modified wheat	Biology Letters	7	387-391	<a href="http://dx.doi.org/10.1098/rsbl.2010.1147">http://dx.doi.org/10.1098/rsbl.2010.1147</a>
Biodiversity	Williams JL, Eilers-Kirk C, Orth RG, Gassmann A, Head G, Tabashnik BE, Carrière Y	2011	Fitness Cost of Resistance to Bt Cotton Linked with Increased Gossypol Content in Pink Bollworm Larvae	PLoS ONE	6		<a href="http://dx.doi.org/10.1371/journal.pone.0021863">http://dx.doi.org/10.1371/journal.pone.0021863</a>

Biodiversity	Wolfebarger LL, Naranjo SE, Lundgren JG, Bitzer RJ, Watrud LS	2011	Bt Crop Effects on Functional Guilds of Non-Target Arthropods: A Meta-Analysis	PLoS ONE	3		<a href="http://dx.doi.org/10.1371/journal.pone.0002118">http://dx.doi.org/10.1371/journal.pone.0002118</a>
Biodiversity	Xu X, Han Y, Wu G, Cai W, Yuan B, Wang H, Liu F, Wang M, Hua H	2011	Field evaluation of effects of transgenic cry1Ab/cry1Ac, cry1C and cry2A rice on <i>Cnaphalocrocis medinalis</i> and its arthropod predators	Science China. Life sciences	54	1019-1028	<a href="http://dx.doi.org/10.1007/s11427-011-4234-2">http://dx.doi.org/10.1007/s11427-011-4234-2</a>
Biodiversity	Xue K, Serohijos RC, Devare M, Thies JE	2011	Deposition Rates and Residue-Colonizing Microbial Communities of <i>Bacillus thuringiensis</i> Insecticidal Protein Cry3Bb-Expressing (Bt) and Non-Bt Corn Hybrids in the Field	Applied and Environmental Microbiology	77	839-846	<a href="http://dx.doi.org/10.1128/aem.01954-10">http://dx.doi.org/10.1128/aem.01954-10</a>
Biodiversity	Yu H-L, Li Y-H, Wu K-M	2011	Risk assessment and ecological effects of transgenic <i>Bacillus thuringiensis</i> crops on non-target organisms	Journal of integrative plant biology	53	520-538	<a href="http://dx.doi.org/10.1111/j.1744-7909.2011.01047.x">http://dx.doi.org/10.1111/j.1744-7909.2011.01047.x</a>
Biodiversity	Yuan Y, Ke X, Chen F, Krogh PH, Ge F	2011	Decrease in catalase activity of <i>Folsomia candida</i> fed a Bt rice diet	Environmental Pollution	159	3714-3720	<a href="http://dx.doi.org/10.1016/j.envpol.2011.07.015">http://dx.doi.org/10.1016/j.envpol.2011.07.015</a>
Biodiversity	Zhang B, Chen M, Zhang X, Luan H, Tian Y, Su X	2011	Expression of Bt-Cry3A in transgenic <i>Populus alba</i> x <i>P. glandulosa</i> and its effects on target and non-target pests and the arthropod community	Transgenic Research	20	523-532	<a href="http://dx.doi.org/10.1007/s11248-010-9434-1">http://dx.doi.org/10.1007/s11248-010-9434-1</a>
Biodiversity	Zhang H, Yin W, Zhao J, Jin L, Yang Y, Wu S, Tabashnik BE, Wu Y	2011	Early Warning of Cotton Bollworm Resistance Associated with Intensive Planting of Bt Cotton in China	PLoS ONE	6		<a href="http://dx.doi.org/10.1371/journal.pone.0022874">http://dx.doi.org/10.1371/journal.pone.0022874</a>
Biodiversity	Alcantara EP	2012	Postcommercialization monitoring of the long-term impact of Bt corn on non-target arthropod communities in commercial farms and adjacent riparian areas in the Philippines	Environmental Entomology	41	1268-1276	<a href="http://dx.doi.org/10.1603/en10297">http://dx.doi.org/10.1603/en10297</a>
Biodiversity	Andow DA, Lövei GL	2012	Cry Toxins in Transgenic Plants Have Direct Effects on Natural Enemies in the Laboratory	Environmental Entomology	41	1045-1046	<a href="http://dx.doi.org/10.1603/en11238">http://dx.doi.org/10.1603/en11238</a>
Biodiversity	Bai Y-Y, Yan R-H, Ye G-Y, Huang F, Wang Jia D, Wang J-J, Cheng J-A	2012	Field response of aboveground non-target arthropod community to transgenic Bt-Cry1Ab rice plant residues in postharvest seasons	Transgenic Research		01-Oct	<a href="http://dx.doi.org/10.1007/s11248-012-9590-6">http://dx.doi.org/10.1007/s11248-012-9590-6</a>
Biodiversity	Barriuso J, Valverde JR, Mellado RP	2012	Effect of Cry1Ab protein on rhizobacterial communities of Bt-maize over a four-year cultivation period	PLoS ONE	7		<a href="http://dx.doi.org/10.1371/journal.pone.0035481">http://dx.doi.org/10.1371/journal.pone.0035481</a>
Biodiversity	Blanco CA	2012	<i>Heliothis virescens</i> and Bt cotton in the United States	GM crops & food	3	201-212	<a href="http://dx.doi.org/10.4161/gmcr.21439">http://dx.doi.org/10.4161/gmcr.21439</a>
Biodiversity	Carrière Y, Eilers-Kirk C, Harfield K, Larocque G, Degain B, Dutilleul P, Dennehy TJ, Marsh SE, Crowder DW, Li X, Ellisworth PC, Naranjo SE, Palumbo JC, Fournier A, Antilla L, Tabashnik BE	2012	Large-scale, spatially-explicit test of the refuge strategy for delaying insecticide resistance	Proceedings of the National Academy of Sciences of the United States of America	109	775-780	<a href="http://dx.doi.org/10.1073/pnas.1117851109">http://dx.doi.org/10.1073/pnas.1117851109</a>
Biodiversity	Chaudhry V, Dang HQ, Tran NQ, Mishra A, Chauhan PS, Gill SS, Nautiyal GS, Tuteja N	2012	Impact of salinity-tolerant MCM6 transgenic tobacco on soil enzymatic activities and the functional diversity of rhizosphere microbial communities	Research in microbiology	163	511-517	<a href="http://dx.doi.org/10.1016/j.resmic.2012.08.004">http://dx.doi.org/10.1016/j.resmic.2012.08.004</a>
Biodiversity	Chen Y, Tian J-C, Wang W, Fang Q, Akhtar ZR, Peng Y-F, Cui H, Guo Y-Y, Song Q-S, Ye G-Y	2012	Bt rice expressing Cry1Ab does not stimulate an outbreak of its non-target herbivore, <i>Nilaparvata lugens</i>	Transgenic Research	21	279-291	<a href="http://dx.doi.org/10.1007/s11248-011-9530-x">http://dx.doi.org/10.1007/s11248-011-9530-x</a>
Biodiversity	Cotta SR, Dias ACF, Marriel IE, Gomes EA, van Elsas JD, Saldin L	2012	Temporal dynamics of microbial communities in the rhizosphere of two genetically modified (GM) maize hybrids in tropical agrosystems	Antonie Van Leeuwenhoek			<a href="http://dx.doi.org/10.1007/s10482-012-9843-7">http://dx.doi.org/10.1007/s10482-012-9843-7</a>

Biodiversity	da Cunha FM, Caelano FH, Wanderley-Teixeira V, Torres JB, Teixeira AAC, Alves LC	2012	Ultra-structure and histochemistry of digestive cells of <i>Podisus nigrispinus</i> (Hemiptera: Pentatomidae) fed with prey reared on Bt-cotton	Micron (Oxford, England: 1993)	43	245-250	<a href="http://dx.doi.org/10.1016/j.micron.2011.08.006">http://dx.doi.org/10.1016/j.micron.2011.08.006</a>
Biodiversity	Dai P-L, Zhou W, Zhang J, Cui H-J, Wang Q, Jiang W-Y, Sun J-H, Wu Y-Y, Zhou T	2012	Field assessment of Bt cry1Ah corn pollen on the survival, development and behavior of <i>Apis mellifera ligustica</i>	Ecotoxicology and Environmental Safety	79	232-237	<a href="http://dx.doi.org/10.1016/j.ecoenv.2012.01.005">http://dx.doi.org/10.1016/j.ecoenv.2012.01.005</a>
Biodiversity	de Castro TR, Ausique JJS, Nunes DH, Ibanhes FH, Delalibera Júnior I	2012	Risk assessment of Cry toxins of <i>Bacillus thuringiensis</i> on the predatory mites <i>Euseius concordis</i> and <i>Neoseiulus californicus</i> (Acari: Phytoseiidae)	Experimental & applied acarology			<a href="http://dx.doi.org/10.1007/s10493-012-9620-3">http://dx.doi.org/10.1007/s10493-012-9620-3</a>
Biodiversity	Demathais F, Zimmerling U, Fiocco C, Kurtz B, Vidal S, Kropf S, Smalía K	2012	Multitrophic interaction in the rhizosphere of maize: root feeding of Western corn rootworm larvae alters the microbial community composition	PLoS ONE	7		<a href="http://dx.doi.org/10.1371/journal.pone.0037288">http://dx.doi.org/10.1371/journal.pone.0037288</a>
Biodiversity	Devos Y, De Schrijver A, De Clercq P, Kiss J, Romeis J	2012	Bt-maize event MON 88017 expressing Cry3Bb1 does not cause harm to non-target organisms	Transgenic Research			<a href="http://dx.doi.org/10.1007/s11248-012-9617-z">http://dx.doi.org/10.1007/s11248-012-9617-z</a>
Biodiversity	Dohrmann AB, Küting M, Jünemann S, Jaenicke S, Schlüter A, Tebbe CC	2012	Importance of rare taxa for bacterial diversity in the rhizosphere of Bt- and conventional maize varieties	The ISME Journal			<a href="http://dx.doi.org/10.1038/ismej.2012.77">http://dx.doi.org/10.1038/ismej.2012.77</a>
Biodiversity	Dutra CC, Koch RL, Burkness EC, Weissle M, Romeis J, Hutchison WD, Fernandes MG	2012	<i>Harmonia axyridis</i> (Coleoptera: Coccinellidae) Exhibits No Preference between Bt and Non-Bt Maize Fed <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae)	PLoS ONE	7		<a href="http://dx.doi.org/10.1371/journal.pone.0044867">http://dx.doi.org/10.1371/journal.pone.0044867</a>
Biodiversity	Farinós GP, de la Poza M, Ortega F, Castañera P	2012	Susceptibility to the Cry1F Toxin of Field Populations of <i>Sesamia nonagrioides</i> (Lepidoptera: Noctuidae) in Mediterranean Maize Cultivation Regions	Journal of Economic Entomology	105	214-221	<a href="http://dx.doi.org/10.1603/ec11213">http://dx.doi.org/10.1603/ec11213</a>
Biodiversity	Fernandes FS, Ramalho FS, Nascimento JL, Malaquias JB, Nascimento ARB, Silva CAD, Zanuncio JC	2012	Within-plant distribution of cotton aphids, <i>Aphis gossypii</i> Glover (Hemiptera: Aphididae), in Bt and non-Bt cotton fields	Bulletin of Entomological Research	102	79-87	<a href="http://dx.doi.org/10.1017/s0007485311000381">http://dx.doi.org/10.1017/s0007485311000381</a>
Biodiversity	García M, Ortega F, Castañera P, Farinós GP	2012	Assessment of prey-mediated effects of the coleopteran-specific toxin Cry3Bb1 on the generalist predator <i>Atheta coriaria</i> (Coleoptera: Staphylinidae)	Bulletin of Entomological Research	102	293-302	<a href="http://dx.doi.org/10.1017/s0007485311000666">http://dx.doi.org/10.1017/s0007485311000666</a>
Biodiversity	Gruber H, Paul V, Meyer H, Müller M	2012	Determination of insecticidal Cry1Ab protein in soil collected in the final growing seasons of a nine-year field trial of Bt-maize MON810	Transgenic Research	21	77-88	<a href="http://dx.doi.org/10.1007/s11248-011-9509-7">http://dx.doi.org/10.1007/s11248-011-9509-7</a>
Biodiversity	Hansen LS, Lövei GL, Székács A	2012	Survival and development of a stored-product pest, <i>Sitophilus zeamais</i> (Coleoptera: Curculionidae), and its natural enemy, the parasitoid <i>Larophagus distinguendus</i> (Hymenoptera: Pteromalidae), on transgenic Bt maize	Pest Management Science			<a href="http://dx.doi.org/10.1002/ps.3410">http://dx.doi.org/10.1002/ps.3410</a>
Biodiversity	Huang F, Ghimire MN, Leonard BR, Daves C, Levy R, Baldwin J	2012	Extended monitoring of resistance to <i>Bacillus thuringiensis</i> Cry1Ab maize in <i>Diatraea saccharalis</i> (Lepidoptera: Crambidae)	GM crops & food	3	245-254	<a href="http://dx.doi.org/10.4161/gmcr.20539">http://dx.doi.org/10.4161/gmcr.20539</a>
Biodiversity	Li X, Liu B, Wang X, Han Z, Cui J, Luo J	2012	Field trials to evaluate effects of continuously planted transgenic insect-resistant cottons on soil invertebrates	Journal of environmental monitoring: JEM	14	1055-1063	<a href="http://dx.doi.org/10.1039/c2em10378h">http://dx.doi.org/10.1039/c2em10378h</a>
Biodiversity	Lu Y, Wu K, Jiang Y, Guo Y, Desneux N	2012	Widespread adoption of Bt cotton and insecticide decrease promotes biocontrol services	Nature	487	362-365	<a href="http://dx.doi.org/10.1038/nature11153">http://dx.doi.org/10.1038/nature11153</a>
Biodiversity	Mina U, Chaudhary A	2012	Impact of transgenic cotton varieties on activity of enzymes in their rhizosphere	Indian journal of biochemistry & biophysics	49	195-201	

Biodiversity	Pérez-Hedo M,López C,Albajes R,Eizaguirre M	2012	Low susceptibility of non-target Lepidopteran maize pests to the Bt protein Cry1Ab	Bulletin of Entomological Research	FirstView	01-Jul	<a href="http://dx.doi.org/10.1017/s0007485312000351">http://dx.doi.org/10.1017/s0007485312000351</a>
Biodiversity	Perry JN,Devos Y,Arpaia S,Bartsch D,Ehlerl C,Gathmann A,Hails RS,Hendriksen NB,Kiss J,Messéan A,Mestdagh S,Neemann G,Nuti M,Sweet JB,Tebbe CC	2012	Estimating the effects of Cry1F Bt-maize pollen on non-target Lepidoptera using a mathematical model of exposure	The Journal of applied ecology	49	29-37	<a href="http://dx.doi.org/10.1111/j.1365-2664.2011.02083.x">http://dx.doi.org/10.1111/j.1365-2664.2011.02083.x</a>
Biodiversity	Romeis J,Raybould A,Bigler F,Candolfi MP,Hellmich RL,Huesing JE,Shelton AM	2012	Deriving criteria to select arthropod species for laboratory tests to assess the ecological risks from cultivating arthropod-resistant genetically engineered crops	Chemosphere	68	1223-1230	<a href="http://dx.doi.org/10.1016/j.chemosphere.2012.09.035">http://dx.doi.org/10.1016/j.chemosphere.2012.09.035</a>
Biodiversity	Salas RA,Dayan FE,Pan Z,Watson SB,Dickson JW,Scott RC,Burgos NR	2012	EPSPS gene amplification in glyphosate-resistant Italian ryegrass ( <i>Lolium perenne</i> ssp. multiflorum) from Arkansas	Pest Management Science	68	4646-4662	<a href="http://dx.doi.org/10.1002/ps.3342">http://dx.doi.org/10.1002/ps.3342</a>
Biodiversity	Schuppener M,Mühlhause J,Müller A-K,Rauschen S	2012	Environmental risk assessment for the small tortoiseshell <i>Aglais urticae</i> and a stacked Bt-maize with combined resistances against Lepidoptera and Chrysomelidae in central European agrarian landscapes	Molecular Ecology	21	4646-4662	<a href="http://dx.doi.org/10.1111/j.1365-294X.2012.05716.x">http://dx.doi.org/10.1111/j.1365-294X.2012.05716.x</a>
Biodiversity	Singh R,Ahlawat I,Singh S	2012	Effects of transgenic Bt cotton on soil fertility and biology under field conditions in subtropical insectisol	Environmental Monitoring and Assessment		01-Nov	<a href="http://dx.doi.org/10.1007/s10661-012-2569-1">http://dx.doi.org/10.1007/s10661-012-2569-1</a>
Biodiversity	Sosnoskie LM,Webster TM,Kichler JM,MacRae AW,Grey TL,Culpepper AS	2012	Pollen-Mediated Dispersal of Glyphosate-Resistance in Palmer Amaranth under Field Conditions	Weed Science	60	366-373	<a href="http://dx.doi.org/10.1614/ws-d-11-00151.1">http://dx.doi.org/10.1614/ws-d-11-00151.1</a>
Biodiversity	Tian J-C,Chen Y,Li Z-L,Li K,Chen M,Peng Y-F,Hu C,Shelton AM,Ye G-Y	2012	Transgenic Cry1Ab Rice Does Not Impact Ecological Fitness and Predation of a Generalist Spider	PLOS ONE	7		<a href="http://dx.doi.org/10.1371/journal.pone.0035164">http://dx.doi.org/10.1371/journal.pone.0035164</a>
Biodiversity	Tian J-C,Collins H,Romeis J,Naranjo S,Hellmich R,Shelton A	2012	Using field-evolved resistance to Cry1F maize in a lepidopteran pest to demonstrate no adverse effects of Cry1F on one of its major predators	Transgenic Research		01-Aug	<a href="http://dx.doi.org/10.1007/s11248-012-9604-4">http://dx.doi.org/10.1007/s11248-012-9604-4</a>
Biodiversity	Verbruggen E,Kuramae EE,Hillekens R,de Hollander M,Kiers ET,Röling WFM,Kowalchuk GA,van der Heijden MGA	2012	Testing Potential Effects of Maize Expressing the <i>Bacillus thuringiensis</i> Cry1Ab Endotoxin (Bt Maize) on Mycorrhizal Fungal Communities via DNA- and RNA-Based Pyrosequencing and Molecular Fingerprinting	Applied and Environmental Microbiology	78	7384-7392	<a href="http://dx.doi.org/10.1128/aem.011372-12">http://dx.doi.org/10.1128/aem.011372-12</a>
Biodiversity	Wan P,Huang Y,Wu H,Huang M,Cong S,Tabashnik BE,Wu K	2012	Increased Frequency of Pink Bollworm Resistance to Bt Toxin Cry1Ac in China	PLOS ONE	7		<a href="http://dx.doi.org/10.1371/journal.pone.0029975">http://dx.doi.org/10.1371/journal.pone.0029975</a>
Biodiversity	Romeis J,McLean Ma,Shelton AM	2013	When bad science makes good headlines: Bt maize and regulatory bans	Nature Biotechnology	31	386-387	<a href="http://dx.doi.org/10.1038/nbt.2578">http://dx.doi.org/10.1038/nbt.2578</a>
Gf - Coexistence	Bock A-K,Lheureux K,Libeau-Dulos M,Niisagård H,Rodríguez-Cerezo E	2002	Scenarios for co-existence of genetically modified, conventional and organic crops in European agriculture				
Gf - Coexistence	Perry JN	2002	Sensitive dependencies and separation distances for genetically modified herbicide-tolerant crops	Proceedings of the Royal Society B: Biological Sciences	269	1173-1176	<a href="http://dx.doi.org/10.1098/rspb.2002.2007">http://dx.doi.org/10.1098/rspb.2002.2007</a>
Gf - Coexistence	Rieger MA,Lamond M,Preston C,Powles SB,Roush RT	2002	Pollen-Mediated Movement of Herbicide Resistance Between Commercial Canola Fields	Science	296	2386-2388	<a href="http://dx.doi.org/10.1126/science.1071682">http://dx.doi.org/10.1126/science.1071682</a>
Gf - Coexistence	Ritola A,Nuutila AM,Aikasalo R,Kauppinen V,Tammisola J	2002	Measuring Gene Flow in the Cultivation of Transgenic Barley	Crop Science	42	278-285	
Gf - Coexistence	Klein EK,Lavigne C,Fouelllassar X,Gouyon P-H,Larado C	2003	Corn pollen dispersal: quasi-mechanistic models and field experiments	Ecological Monographs	73	131-150	

Gf - Coexistence	Loos C, Seppelt R, Meier-Bethke S, Schiemann J, Richter O	2003	Spatially explicit modelling of transgenic maize pollen dispersal and cross-pollination	Journal of theoretical biology	225	241-255		
Gf - Coexistence	Chilcutt CF, Tabashnik BE	2004	Contamination of refuges by <i>Bacillus thuringiensis</i> toxin genes from transgenic maize in Europe: a case study on minimizing vertical gene flow	Proceedings of the National Academy of Sciences of the United States of America	101	7526-7529	http://dx.doi.org/10.1073/pnas.0400546101	
Gf - Coexistence	Devos Y, Reheul D, de Schrijver A, Cors F, Moens W	2004	Management of herbicide-tolerant oilseed rape in Europe: a case study on minimizing vertical gene flow	Environmental Biosafety Research	3	135-148		
Gf - Coexistence	Devos Y, Reheul D, De Schrijver A	2005	The co-existence between transgenic and non-transgenic maize in the European Union: a focus on pollen flow and cross-fertilization	Environmental Biosafety Research	4	71-87	http://dx.doi.org/10.1051/embr:2005013	
Gf - Coexistence	Flannery M-L, Meade C, Mullins E	2005	Employing a composite gene-flow index to numerically quantify a crop's potential for gene flow: an Irish perspective	Environmental Biosafety Research	4	29-43		
Gf - Coexistence	Gruber S, Pekrun C, Claupein W	2005	Life cycle and potential gene flow of volunteer oilseed rape in different tillage systems	Weed Research	45	83-93	http://dx.doi.org/10.1111/j.1365-3180.2004.00422.x	
Gf - Coexistence	Lutman P, Berry K, Payne RW, Simpson E, Sweet JB, Champion GT, May MJ, Wightman P, Walker K, Lainsbury M	2005	Persistence of seeds from crops of conventional and herbicide tolerant oilseed rape ( <i>Brassica napus</i> )	Proceedings of the Royal Society B: Biological Sciences	272	1909-1915	http://dx.doi.org/10.1098/rspb.2005.3166	
Gf - Coexistence	Rong J, Song Z, Su J, Xia H, Lu B-R, Wang F	2005	Low frequency of transgene flow from Bt/CpTI rice to its non-transgenic counterparts planted at close spacing	The New Phytologist	168	559-566	http://dx.doi.org/10.1111/j.1469-8137.2005.01539.x	
Gf - Coexistence	Al-Ahmad H, Dwyer J, Moloney M, Gressel J	2006	Mitigation of establishment of <i>Brassica napus</i> transgenes in volunteers using a tandem construct containing a selectively unfit gene	Plant Biotechnology Journal	4	21-Jul	http://dx.doi.org/10.1111/j.1467-7652.2005.00152.x	
Gf - Coexistence	Cerdeira AL, Duke SO	2006	The Current Status and Environmental Impacts of Glyphosate-Resistant Crops: A Review	J Environ Qual	35	1633-1658		
Gf - Coexistence	Devos Y, Reheul D, Thas O, De Clercq EM, Cordemans K	2006	Spatial impact of isolation distances between parcels of GM and non-GM maize	Communications in Agricultural and Applied Biological Sciences	71	25-28		
Gf - Coexistence	European c	2006	New case studies on the coexistence of GM and non-GM crops in European agriculture					
Gf - Coexistence	Jank B, Rath J, Gaugitsch H	2006	Co-existence of agricultural production systems	Trends Biotechnol	24	198-200		
Gf - Coexistence	Messeguer J, Peñas G, Ballester J, Bas M, Serra J, Salvia J, Palaudelmás M, Melé E	2006	Pollen-mediated gene flow in maize in real situations of coexistence	Plant Biotechnology Journal	4	633-645	http://dx.doi.org/10.1111/j.1467-7652.2006.00207.x	
Gf - Coexistence	Moschini G	2006	Pharmaceutical and Industrial Traits in Genetically Modified Crops: Coexistence with Conventional Agriculture	American Journal of Agricultural Economics	88	1184-1192	http://dx.doi.org/10.1111/j.1467-8276.2006.00931.x	
Gf - Coexistence	Van De Wiel CCM, Lotz LAP	2006	Outcrossing and coexistence of genetically modified with (genetically) unmodified crops: a case study of the situation in the Netherlands	NJAS - Wageningen Journal of Life Sciences	54	17-35	http://dx.doi.org/10.1016/s1573-5214(06)80002-3	
Gf - Coexistence	Abud S, de Souza PIM, Vianna GR, Leonarddec E, Moreira CT, Faleiro FG, Junior JN, Monteiro PMFO, Rech EL, Aragão FJJ	2007	Gene flow from transgenic to nontransgenic soybean plants in the Cerrado region of Brazil	Genetics and Molecular Research	6	445-452		
Gf - Coexistence	Goggi AS, Lopez-Sanchez H, Caragea P, Westgate M, Arritt R, Clark CA	2007	Gene flow in maize fields with different local pollen densities	International Journal of biometeorology	51	493-503	http://dx.doi.org/10.1007/s00484-007-0088-5	

Gf - Coexistence	Hoyle M, Cresswell JE	2007	The effect of wind direction on cross-pollination in wind-pollinated GM crops	Ecological Applications: A Publication of the Ecological Society of America	17	1234-1243	
Gf - Coexistence	Hoyle M, Hayler K, Cresswell JE	2007	Effect of pollinator abundance on self-fertilization and gene flow: application to GM Canola	Ecological Applications: A Publication of the Ecological Society of America	17	2123-2135	
Gf - Coexistence	Husken A, Dietz-Pfeilstetter A	2007	Pollen-mediated intraspecific gene flow from herbicide resistant oilseed rape ( <i>Brassica napus</i> L.)	Transgenic Research	16	557-569	<a href="http://dx.doi.org/10.1007/s11248-007-9078-y">http://dx.doi.org/10.1007/s11248-007-9078-y</a>
Gf - Coexistence	Jia S, Wang F, Shi L, Yuan Q, Liu W, Liao Y, Li S, Jin W, Peng H	2007	Transgene flow to hybrid rice and its male-sterile lines	Transgenic Research	16	491-501	<a href="http://dx.doi.org/10.1007/s11248-006-9037-z">http://dx.doi.org/10.1007/s11248-006-9037-z</a>
Gf - Coexistence	Kuparinen A, Schurr F, Tackenberg O, O'Hara RB	2007	Air-mediated pollen flow from genetically modified to conventional crops	Ecological Applications: A Publication of the Ecological Society of America	17	431-440	
Gf - Coexistence	Lipsius K, Wilhelm R, Richter O, Schmalstieg K, J. Schiemann J	2007	Meteorological input data requirements to predict cross-pollination of GMO Maize with Lagrangian approaches	Environmental Biosafety Research	5	151-168	<a href="http://dx.doi.org/10.1051/embr:2007005">http://dx.doi.org/10.1051/embr:2007005</a>
Gf - Coexistence	Matus-Cádiz MA, Hucl P, Dupuis B	2007	Pollen-Mediated Gene Flow in Wheat at the Commercial Scale	Crop Science	47		<a href="http://dx.doi.org/10.2135/croscisci06.07.0441">http://dx.doi.org/10.2135/croscisci06.07.0441</a>
Gf - Coexistence	Petti C, Meade C, Downes M, Mullins E	2007	Facilitating co-existence by tracking gene dispersal in conventional potato systems with microsatellite markers	Environmental Biosafety Research	6	223-235	<a href="http://dx.doi.org/10.1051/embr:2007033">http://dx.doi.org/10.1051/embr:2007033</a>
Gf - Coexistence	Rong J, Lu B-R, Song Z, Su J, Snow AA, Zhang X, Sun S, Chen R, Wang F	2007	Dramatic reduction of crop-to-crop gene flow within a short distance from transgenic rice fields	The New Phytologist	173	346-353	<a href="http://dx.doi.org/10.1111/j.1469-8137.2006.01906.x">http://dx.doi.org/10.1111/j.1469-8137.2006.01906.x</a>
Gf - Coexistence	Sanvido O, Widmer F, Winzeler M, Streit B, Szerencsits E, Bigler F	2007	Definition and feasibility of isolation distances for transgenic maize cultivation	Transgenic Research	17	317-335	<a href="http://dx.doi.org/10.1007/s11248-007-9103-1">http://dx.doi.org/10.1007/s11248-007-9103-1</a>
Gf - Coexistence	Scott M, Peterson J, Moran D, Sangtong V, Smith L	2007	A wheat genomic DNA fragment reduces pollen transmission of maize transgenes by reducing pollen viability	Transgenic Research	16	629-643	<a href="http://dx.doi.org/10.1007/s11248-006-9055-x">http://dx.doi.org/10.1007/s11248-006-9055-x</a>
Gf - Coexistence	Yoshimura Y, Matsuo K, Yasuda K	2007	Gene flow from GM glyphosate-tolerant to conventional soybeans under field conditions in Japan	Environmental Biosafety Research	5	169-173	<a href="http://dx.doi.org/10.1051/embr:2007003">http://dx.doi.org/10.1051/embr:2007003</a>
Gf - Coexistence	Chandler S, Dunwell JM	2008	Gene Flow, Risk Assessment and the Environmental Release of Transgenic Plants	Critical Reviews in Plant Sciences	27	25-49	<a href="http://dx.doi.org/10.1080/07352680802053916">http://dx.doi.org/10.1080/07352680802053916</a>
Gf - Coexistence	Colbach N	2008	How to model and simulate the effects of cropping systems on population dynamics and gene flow at the landscape level: example of oilseed rape volunteers and their role for co-existence of GM and non-GM crops	Environmental Science and Pollution Research	16	348-360	<a href="http://dx.doi.org/10.1007/s11356-008-0080-6">http://dx.doi.org/10.1007/s11356-008-0080-6</a>
Gf - Coexistence	Demont M, Devos Y	2008	Regulating coexistence of GM and non-GM crops without jeopardizing economic incentives	Trends in Biotechnology	26	353-358	<a href="http://dx.doi.org/10.1016/j.tibtech.2008.03.006">http://dx.doi.org/10.1016/j.tibtech.2008.03.006</a>
Gf - Coexistence	Devos Y, Coughnon M, Thas O, Reheul D	2008	A method to search for optimal field allocations of transgenic maize in the context of co-existence	Environmental Biosafety Research	7	97-104	<a href="http://dx.doi.org/10.1051/embr:2008004">http://dx.doi.org/10.1051/embr:2008004</a>
Gf - Coexistence	Devos Y, Demont M, Sanvido O	2008	Coexistence in the EU-return of the moratorium on GM crops?	Nature Biotechnology	26	1223-1225	<a href="http://dx.doi.org/10.1038/nbt1108-1223">http://dx.doi.org/10.1038/nbt1108-1223</a>
Gf - Coexistence	D'Herfeldt T, Jørgensen RB, Pettersson LB	2008	Long-term persistence of GM oilseed rape in the seedbank	Biology Letters	4	314-317	<a href="http://dx.doi.org/10.1098/rsbl.2008.0123">http://dx.doi.org/10.1098/rsbl.2008.0123</a>
Gf - Coexistence	Heuberger S, Yafuso C, Degrandi-Hoffman G, Tabashnik BE, Carrière Y, Dennehy TJ	2008	Outcrossed cottonseed and adventitious Bt plants in Arizona refuges	Environmental Biosafety Research	7	87-96	<a href="http://dx.doi.org/10.1051/embr:2008005">http://dx.doi.org/10.1051/embr:2008005</a>

Gf - Coexistence	Langhof M, Hommel B, Hüskens A, Schiemann J, Wehling P, Wilhelm R, Rühl G	2008	Coexistence in Maize: Do Nonmaize Buffer Zones Reduce Gene Flow between Maize Fields?	Crop Science	48		<a href="http://dx.doi.org/10.2135/cropsci2007.04.0189">http://dx.doi.org/10.2135/cropsci2007.04.0189</a>
Gf - Coexistence	Mallory-Smith C, Zapiola M	2008	Gene flow from glyphosate-resistant crops Potential for seed-mediated gene flow in agroecosystems from transgenic safflower ( <i>Carthamus tinctorius</i> L.) intended for plant molecular farming	Pest Management Science	64	428-440	<a href="http://dx.doi.org/10.1002/ps.1517">http://dx.doi.org/10.1002/ps.1517</a>
Gf - Coexistence	McPherson MA, Yang R-C, Good AG, Nielson RL, Hall LM	2008	Sowing and Flowering Delays Can Be an Efficient Strategy to Improve Coexistence of Genetically Modified and Conventional Maize	Transgenic Research	18	281-299	<a href="http://dx.doi.org/10.1007/s11248-008-9217-0">http://dx.doi.org/10.1007/s11248-008-9217-0</a>
Gf - Coexistence	Palaudelmás M, Melé E, Peñas G, Pla M, Nadal A, Serra J, Salvia J, Messeguer J	2008	Establishment of a rice transgene flow model for predicting maximum distances of gene flow in southern China	Crop Science	48		<a href="http://dx.doi.org/10.2135/cropsci2007.10.0585">http://dx.doi.org/10.2135/cropsci2007.10.0585</a>
Gf - Coexistence	Yao K, Hu N, Chen W, Li R, Yuan Q, Wang F, Qian Q, Jia S	2008	Comparative study of the efficiency of buffer zones and harvest discarding on gene flow containment in oilseed rape. A modelling approach	The New Phytologist	180	217-228	<a href="http://dx.doi.org/10.1111/j.1469-8137.2008.02555.x">http://dx.doi.org/10.1111/j.1469-8137.2008.02555.x</a>
Gf - Coexistence	Colbach N, Devaux C, Angevin F	2009	Pollen dispersal in sugar beet production fields	European Journal of Agronomy	30	187-198	<a href="http://dx.doi.org/10.1016/j.eja.2008.09.007">http://dx.doi.org/10.1016/j.eja.2008.09.007</a>
Gf - Coexistence	Darmency H, Klein EK, Gestat De Garabé T, Gouyon P-H, Richard-Molard M, Muehembled C	2009	In-field frequencies and characteristics of oilseed rape with double herbicide resistance	Theoretical and Applied Genetics	118	1083-1092	<a href="http://dx.doi.org/10.1007/s00122-009-0964-y">http://dx.doi.org/10.1007/s00122-009-0964-y</a>
Gf - Coexistence	Dietz-Pfeilstetter A, Zwerger P	2009	Dispersal of Transgenes through Maize Seed Systems in Mexico	Environmental Biosafety Research	8	101-111	<a href="http://dx.doi.org/10.1051/embr/2009006">http://dx.doi.org/10.1051/embr/2009006</a>
Gf - Coexistence	Dyer GA, Serratos-Hernández JA, Perales HR, Gepts P, Piñeyro-Nelson A, Chávez A, Salinas-Arreortua N, Yúnez-Nauade A, Taylor JE, Alvarez-Buylla ER	2009	Strategies for coexistence of GM and non-GM soy from import to feed processing	PLOS ONE	4		<a href="http://dx.doi.org/10.1371/journal.pone.0005734">http://dx.doi.org/10.1371/journal.pone.0005734</a>
Gf - Coexistence	Gryson N, Eeckhout M, Trouillier A, Le Bail M, Soler L-G	2009	Evaluation of pollen dispersal and cross pollination using transgenic grapevine plants	Environmental Biosafety Research	8	153-159	<a href="http://dx.doi.org/10.1051/embr/2009008">http://dx.doi.org/10.1051/embr/2009008</a>
Gf - Coexistence	Harst M, Cobanov B-A, Hausmann L, Eibach R, Töpfer R	2009	The variability of processes involved in transgene dispersal—case studies from Brassica and related genera	Environmental Biosafety Research	8	87-99	<a href="http://dx.doi.org/10.1051/embr/2009012">http://dx.doi.org/10.1051/embr/2009012</a>
Gf - Coexistence	Jørgensen R, Hauser T, D'Hertefeldt T, Andersen N, Hooffman D	2009	Landscape-scale distribution and persistence of genetically modified oilseed rape ( <i>Brassica napus</i> ) in Manitoba, Canada	Environmental Science and Pollution Research	16	389-395	<a href="http://dx.doi.org/10.1007/s11356-009-0142-4">http://dx.doi.org/10.1007/s11356-009-0142-4</a>
Gf - Coexistence	Krispel AL, McLachlan SM	2009	Pollen-mediated gene flow from transgenic safflower ( <i>Carthamus tinctorius</i> L.) intended for plant molecular farming to conventional safflower	Environmental Science and Pollution Research	17	13-25	<a href="http://dx.doi.org/10.1007/s11356-009-0219-0">http://dx.doi.org/10.1007/s11356-009-0219-0</a>
Gf - Coexistence	McPherson MA, Good AG, Topinka AKC, Yang R-C, McKenzie RH, Cathcart R, J, Christianson JA, Strobeck C, Hall LM	2009	Effect of volunteers on maize gene flow	Transgenic Research	18	583-594	<a href="http://dx.doi.org/10.1007/s11248-009-9250-7">http://dx.doi.org/10.1007/s11248-009-9250-7</a>
Gf - Coexistence	Palaudelmás M, Peñas G, Melé E, Serra J, Salvia J, Pla M, Nadal A, Messeguer J	2009	Genetic load and transgenic mitigating genes in transgenic <i>Brassica rapa</i> (field mustard) x <i>Brassica napus</i> (oilseed rape) hybrid populations	BMC Biotechnology	9		<a href="http://dx.doi.org/10.1007/s00122-009-1142-y">http://dx.doi.org/10.1007/s00122-009-1142-y</a>
Gf - Coexistence	Rose C, Millwood R, Moon H, Rao M, Halfhill M, Raymer P, Wanwick S, Al-Ahmad H, Gressel J, Stewart CN	2009	Risk assessment of transgenic apomictic tetraploid bahiagrass, cytogenetics, breeding behavior and performance of intra-specific hybrids	TAG Theoretical and Applied Genetics	119	1383-1395	

Gf - Coexistence	Wang T, Shi Y, Li Y, Darmency H	2009	Testing coexistence and genetic containment for an autogamous crop	Transgenic Research	18	809-813	<a href="http://dx.doi.org/10.1007/s11248-009-9270-3">http://dx.doi.org/10.1007/s11248-009-9270-3</a>
Gf - Coexistence	Willenborg C, Bridlé-Babel A, Van Acker R	2009	Low crop plant population densities promote pollen-mediated gene flow in spring wheat ( <i>Triticum aestivum</i> L.)	Transgenic Research	18	841-854	<a href="http://dx.doi.org/10.1007/s11248-009-9267-y">http://dx.doi.org/10.1007/s11248-009-9267-y</a>
Gf - Coexistence	Dexter JE, Jhala AJ, Yang R-C, Hills MJ, Weselake RJ, Hall LM	2010	Emergence and Persistence of Volunteer Flax in Western Canadian Cropping Systems	Agronomy Journal	102		<a href="http://dx.doi.org/10.2134/agronj2010.0005">http://dx.doi.org/10.2134/agronj2010.0005</a>
Gf - Coexistence	Faria JC, Carneiro GES, Aragão FJJ	2010	Gene flow from transgenic common beans expressing the bar gene	GM crops	1	37-41	<a href="http://dx.doi.org/10.4161/gmcr.1.2.11609">http://dx.doi.org/10.4161/gmcr.1.2.11609</a>
Gf - Coexistence	Heuberger S, Eilers-Kirk C, Tabashnik BE, Carrière Y	2010	Pollen- and Seed-Mediated Transgene Flow in Commercial Cotton Seed Production Fields	PLoS ONE	5		<a href="http://dx.doi.org/10.1371/journal.pone.0014128">http://dx.doi.org/10.1371/journal.pone.0014128</a>
Gf - Coexistence	Krispel A, McLachlan S	2010	Landscape-scale distribution and persistence of genetically modified oilseed rape ( <i>Brassica napus</i> ) in Manitoba, Canada	Environmental Science and Pollution Research	17	13-25	<a href="http://dx.doi.org/10.1007/s11356-009-0219-0">http://dx.doi.org/10.1007/s11356-009-0219-0</a>
Gf - Coexistence	Langhof M, Hommel B, Hüskens A, Njontie C, Schiemann J, Wehling P, Wilhelm R, Rühl G	2010	Coexistence in Maize: Isolation Distance in Dependence on Conventional Maize Field Depth and Separate Edge Harvest	Crop Science	50		<a href="http://dx.doi.org/10.2135/cropsci2009.11.0641">http://dx.doi.org/10.2135/cropsci2009.11.0641</a>
Gf - Coexistence	Ramessar K, Capell T, Twyman RM, Christou P	2010	Going to ridiculous lengths—European coexistence regulations for GM crops	Nature Biotechnology	28	133-136	<a href="http://dx.doi.org/10.1038/nbt0210-133">http://dx.doi.org/10.1038/nbt0210-133</a>
Gf - Coexistence	Riesgo L, Areal FJ, Sanvido O, Rodríguez-Cerezo E	2010	Distances needed to limit cross-fertilization between GM and conventional maize in Europe	Nature Biotechnology	28	780-782	<a href="http://dx.doi.org/10.1038/nbt0810-780">http://dx.doi.org/10.1038/nbt0810-780</a>
Gf - Coexistence	Šuštar-Vozlič J, Rostohar K, Blejec A, Kozjak P, Čergan Z, Meglič V	2010	Development of sampling approaches for the determination of the presence of genetically modified organisms at the field level	Analytical and Bioanalytical Chemistry	396	2031-2041	<a href="http://dx.doi.org/10.1007/s00216-009-3406-4">http://dx.doi.org/10.1007/s00216-009-3406-4</a>
Gf - Coexistence	Ushiyama T, Du M, Inoue S, Shibaiké H, Yonemura S, Kawashima S, Amano K	2010	Three-dimensional prediction of maize pollen dispersal and cross-pollination, and the effects of windbreaks	Environmental Biosafety Research	8	183-202	<a href="http://dx.doi.org/10.1051/embr/2010002">http://dx.doi.org/10.1051/embr/2010002</a>
Gf - Coexistence	Vogler A, Bertossa M, Aullinger-Leipner I, Stamp P	2010	Weather Effects on Cross-Pollination in Maize	Crop Science	50		<a href="http://dx.doi.org/10.2135/cropsci2009.04.0213">http://dx.doi.org/10.2135/cropsci2009.04.0213</a>
Gf - Coexistence	Wilkinson MJ	2010	Does flax have the answer to the GM mix-up?	Heredity	106	907-908	<a href="http://dx.doi.org/10.1038/hdy.2010.135">http://dx.doi.org/10.1038/hdy.2010.135</a>
Gf - Coexistence	Beckie HJ, Warwick SJ, Sauder CA, Hall LM, Harker KN, Lozinski C	2011	Pollen-Mediated Gene Flow in Commercial Fields of Spring Wheat in Western Canada	Crop Science	51		<a href="http://dx.doi.org/10.2135/cropsci2010.03.0176">http://dx.doi.org/10.2135/cropsci2010.03.0176</a>
Gf - Coexistence	Chiaraboli A	2011	Coexistence between conventional, organic and GM crops production: The Portuguese system	GM crops	2	138-143	<a href="http://dx.doi.org/10.4161/gmcr.2.3.18476">http://dx.doi.org/10.4161/gmcr.2.3.18476</a>
Gf - Coexistence	Chun Y, Kim D, Park K, Kim H-J, Jeong S-C, An J, Cho K, Back K, Kim H, Kim C-G	2011	Gene flow from herbicide-tolerant GM rice and the heterosis of GM rice-weed F2 progeny	Planta	233	807-815	<a href="http://dx.doi.org/10.1007/s00425-010-1339-y">http://dx.doi.org/10.1007/s00425-010-1339-y</a>
Gf - Coexistence	Dietiker D, Oehen B, Oehsenbein C, Westgate ME, Stamp P	2011	Field Simulation of Transgenic Seed Admixture Dispersion in Maize with a Blue Kernel Color Marker	Crop Science	51		<a href="http://dx.doi.org/10.2135/cropsci2010.06.0311">http://dx.doi.org/10.2135/cropsci2010.06.0311</a>
Gf - Coexistence	Galeano P, Debat CM, Ruibal F, Fraguas LF, Galván GA	2011	Cross-fertilization between genetically modified and non-genetically modified maize crops in Uruguay	Environmental Biosafety Research	9	147-154	<a href="http://dx.doi.org/10.1051/embr/2011100">http://dx.doi.org/10.1051/embr/2011100</a>
Gf - Coexistence	H. Cici SZ, Van Acker RC	2011	Gene flow in <i>Prunus</i> species in the context of novel trait risk assessment	Environmental Biosafety Research	9	75-85	<a href="http://dx.doi.org/10.1051/embr/2010011">http://dx.doi.org/10.1051/embr/2010011</a>



Gf - Coexistence	Jhala A,J Bhatt H, Topinka K, Hall LM	2011	Pollen-mediated gene flow in flax ( <i>Linum usitatissimum</i> L.): can genetically engineered and organic flax coexist?	Hereditiy	106	557-566	13-Jan	<a href="http://dx.doi.org/10.1038/ndy.2010.81">http://dx.doi.org/10.1038/ndy.2010.81</a>
Gf - Coexistence	Kleppin L, Schmidt G, Schröder W	2011	Cultivation of GMO in Germany: support of monitoring and coexistence issues by WebGIS technology	Environmental Sciences Europe	23			<a href="http://dx.doi.org/10.1186/2190-4715-23-4">http://dx.doi.org/10.1186/2190-4715-23-4</a>
Gf - Coexistence	Palaudelmás M, Melé E, Monfort A, Serra J, Salvia J, Messeguer J	2011	Assessment of the influence of field size on maize gene flow using SSR analysis	Transgenic Research				<a href="http://dx.doi.org/10.1007/s11248-011-9549-z">http://dx.doi.org/10.1007/s11248-011-9549-z</a>
Gf - Coexistence	Paul L, Angevin F, Collonnier C, Messéan A	2011	Impact of gene stacking on gene flow: the case of maize	Transgenic Research				<a href="http://dx.doi.org/10.1007/s11248-011-9527-5">http://dx.doi.org/10.1007/s11248-011-9527-5</a>
Gf - Coexistence			Pollen Competition as a Reproductive Isolation Barrier Represses Transgene Flow between Compatible and Co-Flowering Citrus Genotypes	PLOS ONE	6			<a href="http://dx.doi.org/10.1371/journal.pone.0025810">http://dx.doi.org/10.1371/journal.pone.0025810</a>
Gf - Coexistence	Rieben S, Kalinina O, Schmid B, Zeller SL	2011	Gene Flow in Genetically Modified Wheat	PLOS ONE	6			<a href="http://dx.doi.org/10.1371/journal.pone.0029730">http://dx.doi.org/10.1371/journal.pone.0029730</a>
Gf - Coexistence	Robson P, Kelly R, Jensen E, Giddings G, Leitch M, Davey C, Gay A, Jenkins G, Thomas H, Donnison I	2011	A flexible quantitative methodology for the analysis of gene-flow between conventionally bred maize populations using microsatellite markers	TAG Theoretical and Applied Genetics	122	819-829		<a href="http://dx.doi.org/10.1007/s00122-010-1489-0">http://dx.doi.org/10.1007/s00122-010-1489-0</a>
Gf - Coexistence	Rühl G, Hommel B, Hüsken A, Mastel K, Schiemann J, Wehling P, Langhof M	2011	Coexistence in Maize: Effect on Pollen-Mediated Gene Flow by Conventional Maize Border Rows Edging Genetically Modified Maize Fields	Crop Science	51			<a href="http://dx.doi.org/10.2135/cropsci2010.08.0466">http://dx.doi.org/10.2135/cropsci2010.08.0466</a>
Gf - Coexistence	Schafer MG, Ross AA, Londo JP, Burdick CA, Lee EH, Travers SE, Van de Water PK, Sagers CL	2011	The Establishment of Genetically Engineered Canola Populations in the U.S	PLOS ONE	6			<a href="http://dx.doi.org/10.1371/journal.pone.0025736">http://dx.doi.org/10.1371/journal.pone.0025736</a>
Gf - Coexistence	Wilkinson MJ	2011	Does flax have the answer to the GM mix-up?	Hereditiy	106	907-908		
Gf - Coexistence	Yoshimura Y	2011	Wind tunnel and field assessment of pollen dispersal in soybean [ <i>Glycine max</i> (L.) Merr.]	Journal of plant research	124	109-114		<a href="http://dx.doi.org/10.1007/s10265-010-0357-y">http://dx.doi.org/10.1007/s10265-010-0357-y</a>
Gf - Coexistence	Bethwell C, Müller H-J, Eulenstein F, Graef F	2012	Prioritizing GM crop monitoring sites in the dynamics of cultivation systems and their environment	Journal of environmental monitoring: JEM	14	1453-1461		<a href="http://dx.doi.org/10.1039/c2em10822d">http://dx.doi.org/10.1039/c2em10822d</a>
Gf - Coexistence	Devos Y, Hails R, Messéan A, Perry J, Squire G	2012	Feral genetically modified herbicide tolerant oilseed rape from seed import spills: are concerns scientifically justified?	Transgenic Research	21		21-Jan	<a href="http://dx.doi.org/10.1007/s11248-011-9515-9">http://dx.doi.org/10.1007/s11248-011-9515-9</a>
Gf - Coexistence	Foetzi A, Quijano CD, Mouillet O, Fammartino A, Kneubuehler Y, Mascher F, Sautter C, Bigler F	2012	Surveying of pollen-mediated crop-to-crop gene flow from a wheat field trial as a biosafety measure	GM crops & food	3	115-122		<a href="http://dx.doi.org/10.4161/gmcr.19512">http://dx.doi.org/10.4161/gmcr.19512</a>
Gf - Coexistence	Loureiro I, Escorial M-C, González Á, Chueca MC	2012	Pollen-mediated gene flow in wheat ( <i>Triticum aestivum</i> L.) in a semi-arid field environment in Spain	Transgenic Research			11-Jan	<a href="http://dx.doi.org/10.1007/s11248-012-9619-x">http://dx.doi.org/10.1007/s11248-012-9619-x</a>
Gf - Coexistence	Munier DJ, Brittan KL, Lanini WT	2012	Seed bank persistence of genetically modified canola in California	Environmental Science and Pollution Research	19	2281-2284		<a href="http://dx.doi.org/10.1007/s11356-011-0733-8">http://dx.doi.org/10.1007/s11356-011-0733-8</a>
Gf - Coexistence	Palaudelmás M, Melé E, Monfort A, Serra J, Salvia J, Messeguer J	2012	Assessment of the influence of field size on maize gene flow using SSR analysis	Transgenic Research	21	471-483		<a href="http://dx.doi.org/10.1007/s11248-011-9549-z">http://dx.doi.org/10.1007/s11248-011-9549-z</a>
Gf - Coexistence	Raybould A, Higgins LS, Horak MJ, Layton RJ, Storer NP, De La Fuente JM, Herman RA	2012	Assessing the ecological risks from the persistence and spread of feral populations of insect-resistant transgenic maize	Transgenic Research	21	655-664		<a href="http://dx.doi.org/10.1007/s11248-011-9560-4">http://dx.doi.org/10.1007/s11248-011-9560-4</a>

Gf - Wild relatives	Burke JM,Gardner KA,Rieseberg LH	2002	The potential for gene flow between cultivated and wild sunflower ( <i>Helianthus annuus</i> ) in the United States	American Journal of Botany	89	1550-1552	<a href="http://dx.doi.org/10.3732/ajb.89.9.1550">http://dx.doi.org/10.3732/ajb.89.9.1550</a>
Gf - Wild relatives	Daniell H	2002	Molecular strategies for gene containment in transgenic crops	Nature Biotechnology	20	581-586	<a href="http://dx.doi.org/10.1038/nbt0602-581">http://dx.doi.org/10.1038/nbt0602-581</a>
Gf - Wild relatives	Gueritane G,Sester M,Eber F,Chevre AM,Darmency H	2002	Fitness of backcross six of hybrids between transgenic oilseed rape ( <i>Brassica napus</i> ) and wild radish ( <i>Raphanus raphanistrum</i> )	Molecular Ecology	11	1419-1426	
Gf - Wild relatives	Halfhill MD,Millwood RJ,Raymer PL,Stewart CN, Jr.	2002	Bt-transgenic oilseed rape hybridization with its weedy relative, <i>Brassica rapa</i>	Environmental Biosafety Research	1	19-28	
Gf - Wild relatives	Kaplinsky N,Braun D,Lisch D,Hay A,Hake S,Freeling M	2002	Biodiversity (Communications arising): Maize transgene results in Mexico are artefacts (see editorial footnote)	Nature	416	601-602	<a href="http://dx.doi.org/10.1038/nature739">http://dx.doi.org/10.1038/nature739</a>
Gf - Wild relatives	Lavigne C,Klein EK,Couvet D	2002	Using seed purity data to estimate an average pollen mediated gene flow from crops to wild relatives	TAG. Theoretical and applied genetics. Theoretische und angewandte Genetik	104	139-145	<a href="http://dx.doi.org/10.1007/s001220200017">http://dx.doi.org/10.1007/s001220200017</a>
Gf - Wild relatives	Lu M,Kato M,Kakihara F	2002	Destiny of a transgene escape from <i>Brassica napus</i> into <i>Brassica rapa</i>	TAG. Theoretical and applied genetics. Theoretische und angewandte Genetik	105	78-84	<a href="http://dx.doi.org/10.1007/s00122-001-0856-2">http://dx.doi.org/10.1007/s00122-001-0856-2</a>
Gf - Wild relatives	Metz M,Futterer J	2002	Biodiversity (Communications arising): Suspect evidence of transgenic contamination (see editorial footnote)	Nature	416	600-601	<a href="http://dx.doi.org/10.1038/nature738">http://dx.doi.org/10.1038/nature738</a>
Gf - Wild relatives	Moyes CL,Lilley JM,Casais CA,Cole SG,Haeger PD,Dale PJ	2002	Barriers to gene flow from oilseed rape ( <i>Brassica napus</i> ) into populations of <i>Sinapis arvensis</i>	Molecular Ecology	11	103-112	
Gf - Wild relatives	Snow AA	2002	Transgenic crops why gene flow matters	Nature Biotechnology	20		<a href="http://dx.doi.org/10.1038/nbt0602-542">http://dx.doi.org/10.1038/nbt0602-542</a>
Gf - Wild relatives	Viard F,Bernard J,Desplanque B	2002	Crop-weed interactions in the <i>Beta vulgaris</i> complex at a local scale: allelic diversity and gene flow within sugar beet fields	TAG. Theoretical and applied genetics. Theoretische und angewandte Genetik	104	688-697	<a href="http://dx.doi.org/10.1007/s001220100737">http://dx.doi.org/10.1007/s001220100737</a>
Gf - Wild relatives	Arnaud JF,Viard F,Delescluse M,Cuguen J	2003	Evidence for gene flow via seed dispersal from crop to wild relatives in <i>Beta vulgaris</i> ( <i>Chenopodiaceae</i> ): consequences for the release of genetically modified crop species with weedy lineages	Proceedings of the Royal Society B: Biological Sciences	270	1565-1571	<a href="http://dx.doi.org/10.1098/rspb.2003.2407">http://dx.doi.org/10.1098/rspb.2003.2407</a>
Gf - Wild relatives	Bartsch D,Cuguen J,Biancardi E,Sweet J	2003	Environmental implications of gene flow from sugar beet to wild beet--current status and future research needs	Environmental Biosafety Research	2	105-115	
Gf - Wild relatives	Ellstrand NC	2003	Current knowledge of gene flow in plants: implications for transgene flow	Philosophical Transactions of the Royal Society B: Biological Sciences	358	1163-1170	<a href="http://dx.doi.org/10.1098/rstb.2003.1299">http://dx.doi.org/10.1098/rstb.2003.1299</a>
Gf - Wild relatives	Halfhill MD,Millwood RJ,Weissinger AK,Warwick SI,Stewart CN, Jr.	2003	Additive transgene expression and genetic introgression in multiple green-fluorescent protein transgenic crop x weed hybrid generations	TAG. Theoretical and applied genetics. Theoretische und angewandte Genetik	107	1533-1540	<a href="http://dx.doi.org/10.1007/s00122-003-1397-7">http://dx.doi.org/10.1007/s00122-003-1397-7</a>
Gf - Wild relatives	Hauser TP,Damgaard C,Jørgensen RB	2003	Frequency-dependent fitness of hybrids between oilseed rape ( <i>Brassica napus</i> ) and weedy <i>B. rapa</i> ( <i>Brassicaceae</i> )	American Journal of Botany	90	571-578	<a href="http://dx.doi.org/10.3732/ajb.90.4.571">http://dx.doi.org/10.3732/ajb.90.4.571</a>
Gf - Wild relatives	Haygood R,Ives AR,Andrew DA	2003	Consequences of recurrent gene flow from crops to wild relatives	Proceedings of the Royal Society B: Biological Sciences	270	1879-1886	<a href="http://dx.doi.org/10.1098/rspb.2003.2426">http://dx.doi.org/10.1098/rspb.2003.2426</a>
Gf - Wild relatives	Jenczewski E,Romfort J,Chèvre A-M	2003	Crop-to-wild gene flow, introgression and possible fitness effects of transgenes	Environmental Biosafety Research	2	24-Sep	
Gf - Wild relatives	Letourneau DK,Robinson GS,Hagen JA	2003	Bt crops: predicting effects of escaped transgenes on the fitness of wild plants and their herbivores	Environmental Biosafety Research	2	219-246	
Gf - Wild relatives	Stewart CN, Jr.,Halfhill MD,Warwick SI	2003	Transgene introgression from genetically modified crops to their wild relatives	Nature Reviews Genetics	4	806-817	<a href="http://dx.doi.org/10.1038/nrg1179">http://dx.doi.org/10.1038/nrg1179</a>

Gf - Wild relatives	Wanwick SJ, Simard MJ, Légère A, Beckie HJ, Braun L, Zhu B, Mason P, Séguin-Swartz G, Stewart CN	2003	Hybridization between transgenic Brassica napus L. and its wild relatives: Brassica rapa L., Raphanus raphanistrum L., Sinapis arvensis L., and Erucastrum gallicum (Willd.) O.E. Schulz	TAG Theoretical and Applied Genetics	107	528-539	<a href="http://dx.doi.org/10.1038/nature03048">http://dx.doi.org/10.1038/nature03048</a>
Gf - Wild relatives	Celis C, Sourrah M, Cowgill S, Chumbaica S, Green J, Franco J, Main G, Kiezebrink D, Visser RGF, Atkinson HJ	2004	Environmental biosafety and transgenic potato in a centre of diversity for this crop	Nature	432	222-225	<a href="http://dx.doi.org/10.1093/aob/mch006">http://dx.doi.org/10.1093/aob/mch006</a>
Gf - Wild relatives	Chen LJ, Lee DS, Song ZP, Suh HS, Lu BR	2004	Gene Flow from Cultivated Rice ( <i>Oryza sativa</i> ) to its Weedy and Wild Relatives	Annals of Botany	93	67-73	<a href="http://dx.doi.org/10.1016/j.tibtech.2004.07.005">http://dx.doi.org/10.1016/j.tibtech.2004.07.005</a>
Gf - Wild relatives	Guy M P	2004	Gene flow from GM plants – towards a more quantitative risk assessment	Trends in Biotechnology	22	436-438	
Gf - Wild relatives	Halfhill MD, Zhu B, Wanwick SJ, Raymer PL, Millwood RJ, Weissinger AK, Stewart CN, Jr.	2004	Hybridization and backcrossing between transgenic oilseed rape and two related weed species under field conditions	Environmental Biosafety Research	3	73-81	
Gf - Wild relatives	Vacher C, Weis AE, Herrmann D, Kossler T, Young C, Hochberg ME	2004	Impact of ecological factors on the initial invasion of Bt transgenes into wild populations of birdseed rape ( <i>Brassica rapa</i> )	TAG Theoretical and Applied Genetics	109	806-814	<a href="http://dx.doi.org/10.1007/s00122-004-1696-7">http://dx.doi.org/10.1007/s00122-004-1696-7</a>
Gf - Wild relatives	Watrud LS, Lee EH, Fairbrother A, Burdick C, Reichman JR, Bollman M, Storm M, King G, Van de Water PK	2004	Evidence for landscape-level, pollen-mediated gene flow from genetically modified creeping bentgrass with CP4 EPSPS as a marker	Proceedings of the National Academy of Sciences of the United States of America	101	14533-14538	<a href="http://dx.doi.org/10.1073/pnas.0405154101">http://dx.doi.org/10.1073/pnas.0405154101</a>
Gf - Wild relatives	Zhu B, Lawrence JR, Wanwick SJ, Mason P, Braun L, Halfhill MD, Stewart CN	2004	Stable Bacillus thuringiensis (Bt) toxin content in interspecific F1 and backcross populations of wild Brassica rapa after Bt gene transfer	Molecular Ecology	13	237-241	
Gf - Wild relatives	Zhu B, Lawrence JR, Wanwick SJ, Mason P, Braun L, Halfhill MD, Stewart CN, Jr.	2004	Inheritance of GFP-Bt transgenes from Brassica napus in backcrosses with three wild B. rapa accessions	Environmental Biosafety Research	3	45-54	
Gf - Wild relatives	Ammitzbøll H, Mikkelsen TN, Jørgensen RB	2005	Transgene expression and fitness of hybrids between GM oilseed rape and Brassica rapa	Environmental Biosafety Research	4	12-Mar	<a href="http://dx.doi.org/10.1051/abr:2005010">http://dx.doi.org/10.1051/abr:2005010</a>
Gf - Wild relatives	Armstrong TT, Fitzjohn RG, Newsstrom LE, Wilton aD, Lee WG	2005	Transgene escape: what potential for crop-wild hybridization?	Molecular Ecology	14	2111-2132	<a href="http://dx.doi.org/10.1111/j.1365-294X.2005.02572.x">http://dx.doi.org/10.1111/j.1365-294X.2005.02572.x</a>
Gf - Wild relatives	Halfhill MD, Sutherland JP, Moon HS, Poppy GM, Wanwick SJ, Weissinger AK, Ruffy TW, Raymer PL, Stewart CN	2005	Growth, productivity, and competitiveness of introgressed weedy Brassica rapa hybrids selected for the presence of Bt cry1Ac and gfp transgenes	Molecular Ecology	14	3177-3189	<a href="http://dx.doi.org/10.1111/j.1365-294X.2005.02649.x">http://dx.doi.org/10.1111/j.1365-294X.2005.02649.x</a>
Gf - Wild relatives	Hudson LC, Halfhill MD, Stewart CN	2005	Transgene dispersal through pollen	Methods Mol Biol	286	365-74	
Gf - Wild relatives	Kaiser J	2005	Calming Fears, No Foreign Genes Found in Mexico's Maize	Science	309		<a href="http://dx.doi.org/10.1126/science.309.5737.1000">http://dx.doi.org/10.1126/science.309.5737.1000</a>
Gf - Wild relatives	Légère A	2005	Risks and consequences of gene flow from herbicide-resistant crops: canola ( <i>Brassica napus</i> L.) as a case study	Pest Management Science	61	292-300	<a href="http://dx.doi.org/10.1002/ps.975">http://dx.doi.org/10.1002/ps.975</a>
Gf - Wild relatives	Ortiz-García S, Ezcurra E, Schoel B, Acevedo F, Soberón J, Snow AA	2005	Absence of detectable transgenes in local landraces of maize in Oaxaca, Mexico (2003–2004)	Proceedings of the National Academy of Sciences of the United States of America	102	12338-12343	<a href="http://dx.doi.org/10.1073/pnas.0503356102">http://dx.doi.org/10.1073/pnas.0503356102</a>
Gf - Wild relatives	Raybould A, Cooper I	2005	Tiered tests to assess the environmental risk of fitness changes in hybrids between transgenic crops and wild relatives: the example of virus resistant Brassica napus	Environmental Biosafety Research	4	127-140	
Gf - Wild relatives	Saji H, Nakajima N, Aono M, Tamaoki M, Kubo A, Wakiyama S, Hatase Y, Nagatsu M	2005	Monitoring the escape of transgenic oilseed rape around Japanese ports and roadsides	Environmental Biosafety Research	4	217-222	<a href="http://dx.doi.org/10.1051/abr:2006003">http://dx.doi.org/10.1051/abr:2006003</a>

Gf - Wild relatives	Ward M,Dick CW,Gribel R,Lowe AJ	2006	To self or not to self... A review of outcrossing and pollen-mediated gene flow in neotropical trees	Hereditas	95	246-254	<a href="http://dx.doi.org/10.1038/sj.hoy.6800712">http://dx.doi.org/10.1038/sj.hoy.6800712</a>
Gf - Wild relatives	Al-Ahmad H,Gressel J	2006	Mitigation using a tandem construct containing a selectively unmit gene precludes establishment of Brassica napus transgenes in hybrids and backcrosses with weedy Brassica rapa	Plant Biotechnology Journal	4	23-33	<a href="http://dx.doi.org/10.1111/j.1467-7652.2005.00153.x">http://dx.doi.org/10.1111/j.1467-7652.2005.00153.x</a>
Gf - Wild relatives	Allainguillaume J,Alexander M,Bullock JM,Saunders M,Allender C,J,King G,Ford CS,Wilkinson MJ	2006	Fitness of hybrids between rapeseed (Brassica napus) and wild Brassica rapa in natural habitats	Molecular Ecology	15	1175-1184	<a href="http://dx.doi.org/10.1111/j.1365-294X.2006.02856.x">http://dx.doi.org/10.1111/j.1365-294X.2006.02856.x</a>
Gf - Wild relatives	Aono M,Wakiyama S,Nagatsu M,Nakajima N,Tamaoki M,Kubo A,Saji H	2006	Detection of feral transgenic oilseed rape with multiple-herbicide resistance in Japan	Environmental Biosafety Research	5	77-87	<a href="http://dx.doi.org/10.1051/embr:2006017">http://dx.doi.org/10.1051/embr:2006017</a>
Gf - Wild relatives	Lee D,Natesan E	2006	Evaluating genetic containment strategies for transgenic plants	Trends in Biotechnology	24	109-114	<a href="http://dx.doi.org/10.1016/j.tibtech.2006.01.006">http://dx.doi.org/10.1016/j.tibtech.2006.01.006</a>
Gf - Wild relatives	Mlynárová L,Conner AJ,Nap JP	2006	Directed microspore-specific recombination of transgenic alleles to prevent pollen-mediated transmission of transgenes	Plant Biotechnology Journal, Plant Biotechnology Journal	4, 4	445-445-452, 452	<a href="http://dx.doi.org/10.1111/j.1467-7652.2006.00194.x">http://dx.doi.org/10.1111/j.1467-7652.2006.00194.x</a> , <a href="http://dx.doi.org/10.1111/j.1467-7652.2006.00194.x">10.1111/j.1467-7652.2006.00194.x</a>
Gf - Wild relatives	Reichman JR,Watrud LS,Lee EH,Burdick CA,Bollman MA,Storm MJ,King GA,Mallory - smith C	2006	Establishment of transgenic herbicide - resistant creeping bentgrass (Agrostis stolonifera L.) in nonagronomic habitats	Molecular Ecology	15	4243-4255	<a href="http://dx.doi.org/10.1111/j.1365-294X.2006.03072.x">http://dx.doi.org/10.1111/j.1365-294X.2006.03072.x</a>
Gf - Wild relatives	Schoenenberger N,Guadagnuolo R,Savova-Bianchi D,Küper P,Felber F	2006	Molecular Analysis, Cytogenetics and Fertility of Introgression Lines From Transgenic Wheat to Aegilops cylindrical Host	Genetics	174	2061-2070	<a href="http://dx.doi.org/10.1534/genetics.106.058529">http://dx.doi.org/10.1534/genetics.106.058529</a>
Gf - Wild relatives	Sutherland JP,Justinova L,Poppy GM	2006	The responses of crop - wild Brassica hybrids to simulated herbivory and interspecific competition: implications for transgene introgression	Environmental Biosafety Research	5	15-25	<a href="http://dx.doi.org/10.1051/embr:2006011">http://dx.doi.org/10.1051/embr:2006011</a>
Gf - Wild relatives	Wang F,Yuan QH,Shi L,Qian Q,Liu WG,Kuang BG,Zeng DL,Liao YL,Cao B,Jia SR	2006	A large-scale field study of transgene flow from cultivated rice (Oryza sativa) to common wild rice (O. rufipogon) and barnyard grass (Echinochloa crusgalli)	Plant Biotechnology Journal	4	667-676	<a href="http://dx.doi.org/10.1111/j.1467-7652.2006.00210.x">http://dx.doi.org/10.1111/j.1467-7652.2006.00210.x</a>
Gf - Wild relatives	Darmency H,Vigouroux Y,Gestiat De Garambé T,Richard-Molard M,Muchembled C	2007	Transgene escape in sugar beet production fields: data from six years farm scale monitoring	Environmental Biosafety Research	6	197-206	<a href="http://dx.doi.org/10.1051/embr:2007007">http://dx.doi.org/10.1051/embr:2007007</a>
Gf - Wild relatives	Felber F,Kozlowski G,Arrigo N,Guadagnuolo R	2007	Genetic and Ecological Consequences of Transgene Flow to the Wild Flora	Green Gene Technology	107	173-205	
Gf - Wild relatives	Pfender W,Graw R,Bradley W,Carney M,Maxwell L	2007	Emission Rates, Survival, and Modeled Dispersal of Viable Pollen of Creeping Bentgrass	Crop Science	47		<a href="http://dx.doi.org/10.2135/cropsci2007.01.0030">http://dx.doi.org/10.2135/cropsci2007.01.0030</a>
Gf - Wild relatives	Van de Water PK,Watrud LS,Lee EH,Burdick C,King GA	2007	Long-distance GM pollen movement of creeping bentgrass using modeled wind trajectory analysis	Ecological Applications: A Publication of the Ecological Society of America	17	1244-1256	
Gf - Wild relatives	Yuan Q,Shi L,Wang F,Cao B,Qian Q,Lei X,Liao Y,Liu W,Cheng L,Jia S	2007	Investigation of rice transgene flow in compass sectors by using male sterile line as a pollen detector	TAG Theoretical and Applied Genetics	115	549-560	<a href="http://dx.doi.org/10.1007/s00122-007-0588-z">http://dx.doi.org/10.1007/s00122-007-0588-z</a>
Gf - Wild relatives	Zelaya IA,Owen MD,K,Vangessel MJ	2007	Transfer of glyphosate resistance: evidence of hybridization in Conyza (Asteraceae)	American Journal of Botany	94	660-673	<a href="http://dx.doi.org/10.3732/ajb.94.4.660">http://dx.doi.org/10.3732/ajb.94.4.660</a>
Gf - Wild relatives	Bae TW,Vanjidori E,Song SY,Nishiguchi S,Yang SS,Song J,Chandrasekhar T,Kang TW,Kim JI,Koh Y,J Park SY, Lee J, Lee YE,Ryu KH,Riu KZ, Song PS, Lee HY	2008	Environmental Risk Assessment of Genetically Engineered Herbicide-Tolerant Zoysia japonica	Journal of Environment Quality	37		<a href="http://dx.doi.org/10.2134/jeq2007.0128">http://dx.doi.org/10.2134/jeq2007.0128</a>

Gf - Wild relatives	Cummings JL, Handley LW, Macbryde B, Tupper SK, Werner SJ, Byram ZJ	2008	Dispersal of viable row-crop seeds of commercial agriculture by farmland birds: implication for genetically modified crops	Environmental Biosafety Research	7	241-252	<a href="http://dx.doi.org/10.1051/embr:2008021">http://dx.doi.org/10.1051/embr:2008021</a>
Gf - Wild relatives	Dlugosch KM, Whitton J	2008	Can we stop transgenes from taking a walk on the wild side?	Molecular Ecology	17	1167-1169	<a href="http://dx.doi.org/10.1111/j.1365-294X.2008.03663.x">http://dx.doi.org/10.1111/j.1365-294X.2008.03663.x</a>
Gf - Wild relatives	Jhala AJ, Hall LM, Hall JC	2008	Potential Hybridization of Flax with Weedy and Wild Relatives: An Avenue for Movement of Engineered Genes?	Crop Science	48		<a href="http://dx.doi.org/10.2135/cropsci2007.09.0497">http://dx.doi.org/10.2135/cropsci2007.09.0497</a>
Gf - Wild relatives	Kawata M, Murakami K, Ishikawa T	2008	Dispersal and persistence of genetically modified oilseed rape around Japanese harbors	Environmental Science and Pollution Research	16	120-126	<a href="http://dx.doi.org/10.1007/s11356-008-0074-4">http://dx.doi.org/10.1007/s11356-008-0074-4</a>
Gf - Wild relatives	Pasquet RS, Peltier A, Hufford MB, Oudin E, Saulnier J, Paul L, Knudsen JT, Herren HR, Gepts P	2008	Long-distance pollen flow assessment through evaluation of pollinator foraging range suggests transgene escape distances	Proceedings of the National Academy of Sciences of the United States of America	105	13456-13461	<a href="http://dx.doi.org/10.1073/pnas.0806040105">http://dx.doi.org/10.1073/pnas.0806040105</a>
Gf - Wild relatives	Shi Y, Wang T, Li Y, Darmency H	2008	Impact of Transgene Inheritance on the Mitigation of Gene Flow Between Crops and Their Wild Relatives: The Example of Foxtail Millet	Genetics	180	969-975	<a href="http://dx.doi.org/10.1534/genetics.108.092809">http://dx.doi.org/10.1534/genetics.108.092809</a>
Gf - Wild relatives	Warwick SJ, Légère A, Simard MJ, James T	2008	Do escaped transgenes persist in nature? The case of an herbicide resistance transgene in a weedy Brassica rapa population	Molecular Ecology	17	1387-1395	<a href="http://dx.doi.org/10.1111/j.1365-294X.2007.03567.x">http://dx.doi.org/10.1111/j.1365-294X.2007.03567.x</a>
Gf - Wild relatives	Altainguillem J, Harwood T, Ford CS, Cuccato G, Norris C, Allender C, J, Welters R, King G, Wilkinson MJ	2009	Rapeseed cytoplasm gives advantage in wild relatives and complicates genetically modified crop biocontainment	New Phytologist, New Phytologist	183, 183	1201-1201-1211, 1211	<a href="http://dx.doi.org/10.1111/j.1469-8137.2009.02877.x">http://dx.doi.org/10.1111/j.1469-8137.2009.02877.x</a> , <a href="http://dx.doi.org/10.1111/j.1469-8137.2009.02877.x">10.1111/j.1469-8137.2009.02877.x</a>
Gf - Wild relatives	Cao Q-J, Xia H, Yang X, Lu B-R	2009	Performance of Hybrids between Weedy Rice and Insect-resistant Transgenic Rice under Field Experiments: Implication for Environmental Biosafety Assessment	Journal of integrative plant biology	51	1138-1148	<a href="http://dx.doi.org/10.1111/j.1744-7909.2009.00877.x">http://dx.doi.org/10.1111/j.1744-7909.2009.00877.x</a>
Gf - Wild relatives	Devos Y, De Schrijver A, Reheul D	2009	Quantifying the introgressive hybridisation propensity between transgenic oilseed rape and its wild/weedy relatives	Environmental Monitoring and Assessment	149	303-322	<a href="http://dx.doi.org/10.1007/s10661-008-0204-y">http://dx.doi.org/10.1007/s10661-008-0204-y</a>
Gf - Wild relatives	Di K, Stewart CN, Jr., Wei W, Shen B-c, Tang Z-X, Ma K-P	2009	Fitness and maternal effects in hybrids formed between transgenic oilseed rape (Brassica napus L.) and wild brown mustard [B. juncea (L.) Czern et Coss.] in the field	Pest Management Science	65	753-760	<a href="http://dx.doi.org/10.1002/ps.1749">http://dx.doi.org/10.1002/ps.1749</a>
Gf - Wild relatives	Gressel J, Valverde BE	2009	A strategy to provide long-term control of weedy rice while mitigating herbicide resistance transgene flow, and its potential use for other crops with related weeds	Pest Management Science	65	723-731	<a href="http://dx.doi.org/10.1002/ps.1754">http://dx.doi.org/10.1002/ps.1754</a>
Gf - Wild relatives	Laughlin KD, Power AG, Snow AA, Spencer LJ	2009	Risk assessment of genetically engineered crops: fitness effects of virus-resistance transgenes in wild Cucurbita pepo	Ecological Applications: A Publication of the Ecological Society of America	19	1091-1101	
Gf - Wild relatives	Lu B-R, Yang C	2009	Gene flow from genetically modified rice to its wild relatives: Assessing potential ecological consequences	Biotechnology Advances	27	1083-1091	<a href="http://dx.doi.org/10.1016/j.biotechadv.2009.05.018">http://dx.doi.org/10.1016/j.biotechadv.2009.05.018</a>
Gf - Wild relatives	Nishizawa T, Nakajima N, Aono M, Tamaoki M, Kubo A, Saji H	2009	Monitoring the occurrence of genetically modified oilseed rape growing along a Japanese roadside: 3-year observations	Environmental Biosafety Research	8	33-44	<a href="http://dx.doi.org/10.1051/embr/2009001">http://dx.doi.org/10.1051/embr/2009001</a>
Gf - Wild relatives	PIÑeyro-Neilson A, Van Heenwaarden J, Perales HR, Serratos-Hernández JA, Rangel A, Hufford MB, Gepts P, Garay-Arroyo A, Rivera-Bustamante R, Alvarez-Buylla ER	2009	Transgenes in Mexican maize: molecular evidence and methodological considerations for GMO detection in landrace populations	Molecular Ecology	18	750-761	<a href="http://dx.doi.org/10.1111/j.1365-294X.2008.03993.x">http://dx.doi.org/10.1111/j.1365-294X.2008.03993.x</a>

Gf - Wild relatives	Schoel B,Fagan J	2009	Insufficient evidence for the discovery of transgenes in Mexican landraces	Molecular Ecology	18	4143-4144	<a href="http://dx.doi.org/10.1111/j.1365-294X.2009.04368.x">http://dx.doi.org/10.1111/j.1365-294X.2009.04368.x</a>
Gf - Wild relatives	Shaw A	2009	Unwanted Transgenes Re - Discovered in Oaxacan Maize	Molecular Ecology	18	569-571	<a href="http://dx.doi.org/10.1111/j.1365-294X.2008.04063.x">http://dx.doi.org/10.1111/j.1365-294X.2008.04063.x</a>
Gf - Wild relatives	Song X,Liu L,Wang Z,Qiang S	2009	Potential gene flow from transgenic rice ( <i>Oryza sativa</i> L.) to different weedy rice ( <i>Oryza sativa</i> f. spontanea) accessions based on reproductive compatibility	Pest Management Science	65	862-869	<a href="http://dx.doi.org/10.1002/ps.1766">http://dx.doi.org/10.1002/ps.1766</a>
Gf - Wild relatives	Wanwick SI,Beckie HJ,Hall LM	2009	Gene Flow, Invasiveness, and Ecological Impact of Genetically Modified Crops	Annals of the New York Academy of Sciences	1168	72-99	<a href="http://dx.doi.org/10.1111/j.1749-6632.2009.04576.x">http://dx.doi.org/10.1111/j.1749-6632.2009.04576.x</a>
Gf - Wild relatives	Xia H,Lu B-R,Su J,Chen R,Rong J,Song Z,Wang F	2009	Normal expression of insect-resistant transgene in progeny of common wild rice crossed with genetically modified rice: its implication in ecological biosafety assessment	Theoretical and Applied Genetics	119	635-644	<a href="http://dx.doi.org/10.1007/s00122-009-1075-5">http://dx.doi.org/10.1007/s00122-009-1075-5</a>
Gf - Wild relatives	Fitzpatrick BM,Johnson JR,Kump DK,Smith JJ,Voss SR,Shaffer HB	2010	Rapid spread of invasive genes into a threatened native species	Proceedings of the National Academy of Sciences	107	3606-3610	<a href="http://dx.doi.org/10.1073/pnas.0911802107">http://dx.doi.org/10.1073/pnas.0911802107</a>
Gf - Wild relatives	Hooftman DAP,Hartman Y,Oostermeijer JGB,Den Nijs HCM	2010	Existence of vigorous lineages of crop-wild hybrids in Lettuce under field conditions	Environmental Biosafety Research	8	203-217	<a href="http://dx.doi.org/10.1051/embr/2010001">http://dx.doi.org/10.1051/embr/2010001</a>
Gf - Wild relatives	Husken A,Prescher S,Schiemann J	2010	Evaluating biological containment strategies for pollen-mediated gene flow	Environmental Biosafety Research	9	67-73	<a href="http://dx.doi.org/10.1051/embr/2010009">http://dx.doi.org/10.1051/embr/2010009</a>
Gf - Wild relatives	Kavanagh VB,Hall LM,Hall JC	2010	Potential Hybridization of Genetically Engineered Triticale with Wild and Weedy Relatives in Canada	Crop Science	50		<a href="http://dx.doi.org/10.2135/cropsci2009.11.0644">http://dx.doi.org/10.2135/cropsci2009.11.0644</a>
Gf - Wild relatives	Liu YB,Wei W,Ma KP,Darmency H	2010	Backcrosses to <i>Brassica napus</i> of hybrids between <i>B. juncea</i> and <i>B. napus</i> as a source of herbicide-resistant volunteer-like feral populations	Plant science: an international journal of experimental plant biology	179	459-465	<a href="http://dx.doi.org/10.1016/j.plantsci.2010.07.005">http://dx.doi.org/10.1016/j.plantsci.2010.07.005</a>
Gf - Wild relatives	Londo JP,Bautista NS,Sagers CL,Lee EH,Watrud LS	2010	Glyphosate drift promotes changes in fitness and transgene gene flow in canola ( <i>Brassica napus</i> ) and hybrids	Annals of Botany	106	957-965	<a href="http://dx.doi.org/10.1093/aob/mcq190">http://dx.doi.org/10.1093/aob/mcq190</a>
Gf - Wild relatives	Mizuguti A,Ohigashi K,Yoshimura Y,Kaga A,Kuroda Y,Matsuo K	2010	Hybridization between GM soybean ( <i>Glycine max</i> (L.) Merr.) and wild soybean ( <i>Glycine soja</i> Sieb. et Zucc.) under field conditions in Japan	Environmental Biosafety Research	9	13-23	<a href="http://dx.doi.org/10.1051/embr/2010004">http://dx.doi.org/10.1051/embr/2010004</a>
Gf - Wild relatives	Moon HS,Li Y,Stewart Jr CN	2010	Keeping the genie in the bottle: transgene biocontainment by excision in pollen	Trends in Biotechnology	28	08-Mar	<a href="http://dx.doi.org/10.1016/j.tibtech.2009.09.008">http://dx.doi.org/10.1016/j.tibtech.2009.09.008</a>
Gf - Wild relatives	Nishizawa T,Tamaoki M,Aono M,Kubo A,Saji H,Nakajima N	2010	Rapeseed species and environmental concerns related to loss of seeds of genetically modified oilseed rape in Japan	GM crops	1	143-156	<a href="http://dx.doi.org/10.4161/gmcr.1.3.12761">http://dx.doi.org/10.4161/gmcr.1.3.12761</a>
Gf - Wild relatives	Rong J,Janson S,Umebara M,Ono M,Vrieling K	2010	Historical and contemporary gene dispersal in wild carrot ( <i>Daucus carota</i> ssp. <i>carota</i> ) populations	Annals of Botany	106	285-296	<a href="http://dx.doi.org/10.1093/aob/mcq108">http://dx.doi.org/10.1093/aob/mcq108</a>
Gf - Wild relatives	Rong J,Song Z,De Jong TJ,Zhang X,Sun S,Xu X,Xia H,Liu B,Lu B-R	2010	Modelling pollen-mediated gene flow in rice: transgene escape	Plant Biotechnology Journal	8	452-464	<a href="http://dx.doi.org/10.1111/j.1467-7652.2009.00488.x">http://dx.doi.org/10.1111/j.1467-7652.2009.00488.x</a>
Gf - Wild relatives	Sandhu S,Blount A,Queensberry K,Altpeter F	2010	Apomixis and ploidy barrier suppress pollen-mediated gene flow in field grown transgenic turf and forage grass ( <i>Paspalum notatum</i> Flügge)	TAG Theoretical and Applied Genetics	121	919-929	<a href="http://dx.doi.org/10.1007/s00122-010-1360-3">http://dx.doi.org/10.1007/s00122-010-1360-3</a>
Gf - Wild relatives	Song X,Wang Z,Zuo J,Huangfu C,Qiang S	2010	Potential gene flow of two herbicide-tolerant transgenes from oilseed rape to wild <i>B. juncea</i> var. <i>gracilis</i>	TAG Theoretical and Applied Genetics	120	1501-1510	<a href="http://dx.doi.org/10.1007/s00122-010-1271-3">http://dx.doi.org/10.1007/s00122-010-1271-3</a>
Gf - Wild relatives	Willenberg C,Brüde-Babel A,Van Acker R	2010	Identification of a hybridization window that facilitates sizeable reductions of pollen-mediated gene flow in spring wheat	Transgenic Research	19	449-460	<a href="http://dx.doi.org/10.1007/s1248-009-9322-8">http://dx.doi.org/10.1007/s1248-009-9322-8</a>

Gf - Wild relatives	Willenborg C.J,Brülé-Babel AL, Van Acker RC	2010	Identification of a hybridization window that facilitates sizeable reductions of pollen-mediated gene flow in spring wheat	Transgenic Research	19	449-460	<a href="http://dx.doi.org/10.1007/s11248-009-9322-8">http://dx.doi.org/10.1007/s11248-009-9322-8</a>
Gf - Wild relatives	Wozniak CA,Martinez JC	2010	U.S. EPA Regulation of Plant-Incorporated Protectants: Assessment of Impacts of Gene Flow from Pest-Resistant Plants	J. Agric. Food Chem.	59	5859-5864	<a href="http://dx.doi.org/10.1021/jf1030168">http://dx.doi.org/10.1021/jf1030168</a>
Gf - Wild relatives	Aono M,Wakiyama S,Nagatsu M,Kaneko Y,Nishizawa T,Nakajima N,Tamaoki M,Kubo A,Sajji H	2011	Seeds of a Possible Natural Hybrid between Herbicide-Resistant Brassica napus and Brassica rapa Detected on a Riverbank in Japan	GM crops	2	201-210	<a href="http://dx.doi.org/10.4161/gmcr.2.3.18931">http://dx.doi.org/10.4161/gmcr.2.3.18931</a>
Gf - Wild relatives	Bravo-Almonacid F,Rudoy V,Welin B,Segretin M,Bedogni M,Stolowicz F,Crisuolo M,Foti M,Gomez M,Lopez M,Serino G,Cabral S,Dos Santos C,Huarte M,Mentaberry A	2011	Field testing, gene flow assessment and pre-commercial studies on transgenic Solanum tuberosum spp. tuberosum (cv. Spunta) selected for PVY resistance in Argentina	Transgenic Research		16-Jan	<a href="http://dx.doi.org/10.1007/s11248-011-9584-9">http://dx.doi.org/10.1007/s11248-011-9584-9</a>
Gf - Wild relatives	Dyer GA,González C,Lopera DC	2011	Informal "Seed" Systems and the Management of Gene Flow in Traditional Agroecosystems: The Case of Cassava in Cauca, Colombia	PLOS ONE	6		<a href="http://dx.doi.org/10.1371/journal.pone.0029067">http://dx.doi.org/10.1371/journal.pone.0029067</a>
Gf - Wild relatives	Kwit C,Moon HS,Wanwick SJ,Stewart Jr CN	2011	Transgene introgression in crop relatives: molecular evidence and mitigation strategies	Trends in Biotechnology	29	284-293	<a href="http://dx.doi.org/10.1016/j.tibtech.2011.02.003">http://dx.doi.org/10.1016/j.tibtech.2011.02.003</a>
Gf - Wild relatives	Londo JP,Bollman MA,Sagers CL,Lee EH,Watrud LS	2011	Glyphosate-drift but not herbivory alters the rate of transgene flow from single and stacked trait transgenic canola (Brassica napus) to nontransgenic B. napus and B. rapa	New Phytologist, New Phytologist	191, 191	840-840-849, 849	<a href="http://dx.doi.org/10.1111/j.1469-8137.2011.03706.x">http://dx.doi.org/10.1111/j.1469-8137.2011.03706.x</a> , <a href="http://dx.doi.org/10.1111/j.1469-8137.2011.03706.x">http://dx.doi.org/10.1111/j.1469-8137.2011.03706.x</a>
Gf - Wild relatives	Londo JP,Bollman MA,Sagers CL,Lee EH,Watrud LS	2011	Changes in fitness-associated traits due to the stacking of transgenic glyphosate resistance and insect resistance in Brassica napus L	Heredity	107	328-337	<a href="http://dx.doi.org/10.1038/hdy.2011.19">http://dx.doi.org/10.1038/hdy.2011.19</a>
Gf - Wild relatives	Mallory-Smith CA,Sanchez Olguin E	2011	Gene Flow from Herbicide-Resistant Crops: It's Not Just for Transgenes	Journal of agricultural and food chemistry	59	5813-5818	<a href="http://dx.doi.org/10.1021/jf103389v">http://dx.doi.org/10.1021/jf103389v</a>
Gf - Wild relatives	Mayerhofer M,Mayerhofer R,Topinka D,Christianson J,Good AG	2011	Introgression potential between safflower (Carthamus tinctorius) and wild relatives of the genus Carthamus	BMC Plant Biology	11		<a href="http://dx.doi.org/10.1186/1471-2229-11-47">http://dx.doi.org/10.1186/1471-2229-11-47</a>
Gf - Wild relatives	Moon HS,Eda S,Saxton AM,Ow DW,Stewart CN,Stewart Jr CN	2011	An efficient and rapid transgenic pollen screening and detection method using flow cytometry	Biotechnology Journal, Biotechnology Journal	6, 6	118-118-123, 123	<a href="http://dx.doi.org/10.1002/biot.201000258">http://dx.doi.org/10.1002/biot.201000258</a> , <a href="http://dx.doi.org/10.1002/biot.201000258">http://dx.doi.org/10.1002/biot.201000258</a>
Gf - Wild relatives	Raybould A	2011	The bucket and the searchlight: formulating and testing risk hypotheses about the weediness and invasiveness potential of transgenic crops	Environmental Biosafety Research	9	123-133	<a href="http://dx.doi.org/10.1051/ebir/2011101">http://dx.doi.org/10.1051/ebir/2011101</a>
Gf - Wild relatives	Song X,Wang Z,Qiang S	2011	Agronomic performance of F1, F2 and F3 hybrids between weedy rice and transgenic glufosinate-resistant rice	Pest Management Science, Pest Management Science	67, 67	921-921-931, 931	<a href="http://dx.doi.org/10.1002/ps.2132">http://dx.doi.org/10.1002/ps.2132</a> , <a href="http://dx.doi.org/10.1002/ps.2132">http://dx.doi.org/10.1002/ps.2132</a>
Gf - Wild relatives	Watrud LS,King G,Londo JP,Colasanti R,Smith BM,Waschmann RS,Lee EH	2011	Changes in constructed Brassica communities treated with glyphosate drift	Ecological Applications: A Publication of the Ecological Society of America	21	525-538	
Gf - Wild relatives	Wegier A,Piñeyro - nelson A,Alarcón J,Gálvez - mariscal A,Álvarez - buylla ER,Piñeyro D	2011	Recent long-distance transgene flow into wild populations conforms to historical patterns of gene flow in cotton (Gossypium hirsutum) at its centre of origin	Molecular Ecology	20	4182-4194	<a href="http://dx.doi.org/10.1111/j.1365-294X.2011.05258.x">http://dx.doi.org/10.1111/j.1365-294X.2011.05258.x</a>
Gf - Wild relatives	Zuo J,Zhang L,Song X,Dai W,Qiang S	2011	Innate factors causing differences in gene flow frequency from transgenic rice to different weedy rice biotypes	Pest Management Science	67	677-690	<a href="http://dx.doi.org/10.1002/ps.2108">http://dx.doi.org/10.1002/ps.2108</a>
Gf - Wild relatives	DiFazio SP,Leonardi S,Slavov GT,Garman SL,Adams WT,Strauss SH	2012	Gene flow and simulation of transgene dispersal from hybrid poplar plantations, Gene flow and simulation of transgene dispersal from hybrid poplar plantations	New Phytologist, New Phytologist	193, 193	903-903-915, 915	<a href="http://dx.doi.org/10.1111/j.1469-8137.2011.04012.x">http://dx.doi.org/10.1111/j.1469-8137.2011.04012.x</a> , <a href="http://dx.doi.org/10.1111/j.1469-8137.2011.04012.x">http://dx.doi.org/10.1111/j.1469-8137.2011.04012.x</a>

Gf - Wild relatives	Kitamoto N, Kaga A, Kuroda Y, Ohsawa R	2012	A model to predict the frequency of integration of fitness-related QTLs from cultivated to wild soybean	Transgenic Research	21	131-138	<a href="http://dx.doi.org/10.1007/s11248-011-9516-8">http://dx.doi.org/10.1007/s11248-011-9516-8</a>
Gf - Wild relatives	Kwit C, Stewart CN	2012	Gene flow matters in switchgrass ( <i>Panicum virgatum</i> L.), a potential widespread biofuel feedstock	Ecological Applications: A Publication of the Ecological Society of America	22	07-Mar	
Gf - Wild relatives	Liu C, Li J, Gao J, Shen Z, Lu B, R, Lin C	2012	A Built-In Mechanism to Mitigate the Spread of Insect-Resistance and Herbicide-Tolerance Transgenes into Weedy Rice Populations	PLoS ONE	7		<a href="http://dx.doi.org/10.1371/journal.pone.0031625">http://dx.doi.org/10.1371/journal.pone.0031625</a>
Gf - Wild relatives	Snow AA	2012	Illegal gene flow from transgenic creeping bentgrass: the saga continues	Molecular Ecology	21	4663-4664	<a href="http://dx.doi.org/10.1111/j.1365-294X.2012.05695.x">http://dx.doi.org/10.1111/j.1365-294X.2012.05695.x</a>
Gf - Wild relatives	Yang X, Wang F, Su J, Lu B, R	2012	Limited Fitness Advantages of Crop-Weed Hybrid Progeny Containing Insect-Resistant Transgenes (Bt/CpTI) in Transgenic Rice Field	PLoS ONE	7		<a href="http://dx.doi.org/10.1371/journal.pone.0041220">http://dx.doi.org/10.1371/journal.pone.0041220</a>
Gf - Wild relatives	Zapiola ML, Mallory-Smith CA	2012	Crossing the divide: gene flow produces intergeneric hybrid in feral transgenic creeping bentgrass population	Molecular Ecology	21	4672-4680	<a href="http://dx.doi.org/10.1111/j.1365-294X.2012.05627.x">http://dx.doi.org/10.1111/j.1365-294X.2012.05627.x</a>
Gf - HGT soil	Danniell H	2002	Molecular strategies for gene containment in transgenic crops	Nature Biotechnology	20	581-586	
Gf - HGT soil	de Vries J, Wackernagel W	2002	Integration of foreign DNA during natural transformation of <i>Acinetobacter</i> sp. by homology-facilitated illegitimate recombination	Proceedings of the National Academy of Sciences	99	2094-9	
Gf - HGT soil	Degand I, Laporite J, Pussemier L	2002	Monitoring the persistence of genes deriving from genetically modified plants in the soil environment	Mededelingen (Rijksuniversiteit te Gent. Fakulteit van de Landbouwkunde en Toegepaste Biologische Wetenschappen)	67	85-98	
Gf - HGT soil	Gogarten JP, Doolittle WF, Lawrence JG	2002	Prokaryotic evolution in light of gene transfer	Molecular biology and evolution	19	2226-38	
Gf - HGT soil	Gyamfi S, Pfeifer U, Stierschneider M, Sessitsch A	2002	Effects of transgenic glufosinate-tolerant oilseed rape ( <i>Brassica napus</i> ) and the associated herbicide application on eubacterial and Pseudomonas communities in the rhizosphere	FEMS Microbiol Ecology	41	181-190	
Gf - HGT soil	Kay E, Vogel TM, Bertolla F, Nalin R, Simonet P	2002	In situ transfer of antibiotic resistance genes from transgenic (transplastomic) tobacco plants to bacteria	Appl Environ Microbiol	68	3345-51	
Gf - HGT soil	Normark BH, Normark S	2002	Evolution and spread of antibiotic resistance	J Intern Med	252	91-106	
Gf - HGT soil	Saxena D, Flores S, Stotzky G	2002	Bt toxin in released in root exudates from 12 transgenic corn hybrids representing three transformation events	Soil Biology & Biochemistry	34	133-137	
Gf - HGT soil	Turner SL, Bailey MJ, Lilley AK, Thomas CM	2002	Ecological and molecular maintenance strategies of mobile genetic elements	FEMS Microbiol Ecology	42	177-185	
Gf - HGT soil	Ceccherini M, Pote J, Kay E, Van VT, Marechal J, Pietramellara G, Nannipieri P, Vogel TM, Simonet P	2003	Degradation and transformability of DNA from transgenic leaves	Appl Environ Microbiol	69	673-8	
Gf - HGT soil	de Vries J, Heine M, Harms K, Wackernagel W	2003	Spread of recombinant DNA by roots and pollen of transgenic potato plants, identified by highly specific biomonitoring using natural transformation of an <i>Acinetobacter</i> sp	Appl Environ Microbiol	69	4455-62	
Gf - HGT soil	Lilley AK, Bailey M, Barr M, Kishaw K, Timms-Wilson TM, Day MJ, Norris SJ, Jones TH, Godfray HCJ	2003	Population dynamics and gene transfer in genetically modified bacteria in a model microcosm	Molecular Ecology	12	3097-3107	



Gf - HGT soil	Meier P,Wackernagel W	2003	Monitoring the spread of recombinant DNA from field plots with transgenic sugar beet plants by PCR and natural transformation of <i>Pseudomonas stutzeri</i>	Transgenic Research	12	293-304	
Gf - HGT soil	Nielsen KM	2003	An assessment of factors affecting the likelihood of horizontal transfer of recombinant plant DNA to bacterial recipients in the soil and phytosphere	Collection of Biosafety Reviews	1	98-151	
Gf - HGT soil	Tepfer D,Garcia-Gonzales R,Mansouri H,Seruga M,Message B,Leach F,Perica MC	2003	Homology-dependent DNA transfer from plants to a soil bacterium under laboratory conditions: implications in evolution and horizontal gene transfer	Transgenic Research	12	425-437	
Gf - HGT soil	Badosa E,Moreno C,Montesinos E	2004	Lack of detection of ampicillin resistance gene transfer from Bt176 transgenic corn to culturable bacteria under field conditions	FEMS Microbiology Ecology	48	169-178	<a href="http://dx.doi.org/10.1016/j.femsec.2004.01.005">http://dx.doi.org/10.1016/j.femsec.2004.01.005</a>
Gf - HGT soil	Heinemann JA,Traavik T	2004	Problems in monitoring horizontal gene transfer in field trials of transgenic plants	Nature Biotechnology	22	1105-1109	<a href="http://dx.doi.org/10.1038/nbt1009">http://dx.doi.org/10.1038/nbt1009</a>
Gf - HGT soil	Nielsen KM,Townsend JP	2004	Monitoring and modeling horizontal gene transfer	Nature Biotechnology	22	1110-4	
Gf - HGT soil	Broothaerts W,Mitchell JH,Weir B,Kaines S,Smith LMA,Yang W,Mayer JE,Roa-Rodriguez C,Jefferson RA	2005	Gene transfer to plants by diverse species of bacteria	Nature	433	629-633	
Gf - HGT soil	Guan J,Spencer JL,Ma BL	2005	The fate of the recombinant DNA in corn during composting	J Environ Sci Health B	40	463-73	
Gf - HGT soil	Gulden RH,Leart S,Hart MM,Powell JR,Trevors JT,Pauls KP,Klironomos JN,Swanton CJ	2005	Quantitation of Transgenic Plant DNA in Leachate Water: Real-Time Polymerase Chain Reaction Analysis	J Agric Food Chem	53	5858-5865	
Gf - HGT soil	Lerat S,England LS,Vincent ML,Pauls KP,Swanton CJ,Klironomos JN,Trevors JT	2005	Real-Time Polymerase Chain Reaction Quantification of the Transgenes for Roundup Ready Corn and Roundup Ready Soybean in Soil Samples	J. Agric. Food Chem.	53	1337-1342	<a href="http://dx.doi.org/10.1021/jf048830+">http://dx.doi.org/10.1021/jf048830+</a>
Gf - HGT soil	Ray JL,Nielsen KM	2005	Experimental methods for assaying natural transformation and inferring horizontal gene transfer	Methods in enzymology	395	491-520	
Gf - HGT soil	Sorensen JS,Bailey M,Hansen LH,Kroer N,Wuertz S	2005	Studying plasmid horizontal transfer in situ: a critical review	Nature reviews microbiology	3	700-710	
Gf - HGT soil	Thomas CM,Nielsen KM	2005	Mechanisms of, and barriers to, horizontal gene transfer between bacteria	Nature reviews microbiology	3	711-720	
Gf - HGT soil	D'Costa VM,McGrann KM,Hughes DW,Wright GD	2006	Sampling the Antibiotic Resistome	Science	311	374-377	<a href="http://dx.doi.org/10.1126/science.1120800">http://dx.doi.org/10.1126/science.1120800</a>
Gf - HGT soil	Lerat S,Gulden RH,Hart MM,Powell JR,England LS,Pauls KP,Swanton CJ,Klironomos JN,Trevors JT	2007	Quantification and Persistence of Recombinant DNA of Roundup Ready Corn and Soybean in Rotation	J. Agric. Food Chem.	55	10226-10231	<a href="http://dx.doi.org/10.1021/jf072457z">http://dx.doi.org/10.1021/jf072457z</a>
Gf - HGT soil	Lo C-C,Chen S-C,Yang J-Z	2007	Use of Real-Time Polymerase Chain Reaction (PCR) and Transformation Assay To Monitor the Persistence and Bioavailability of Transgenic Genes Released from Genetically Modified Papaya Expressing nptII and PRSV Genes in the Soil	J. Agric. Food Chem.	55	7534-7540	<a href="http://dx.doi.org/10.1021/jf071574r">http://dx.doi.org/10.1021/jf071574r</a>
Gf - HGT soil	Monier J-M,Bernillon D,Kay E,Faugier A,Rybalka O,Dessaux Y,Simonet P,Vogel TM	2007	Detection of potential transgenic plant DNA recipients among soil bacteria	Environmental Biosafety Research	6	71-83	<a href="http://dx.doi.org/10.1051/embr:2007036">http://dx.doi.org/10.1051/embr:2007036</a>
Gf - HGT soil	Nielsen KM,Johnsen PJ,Bensasson D,Daffonchio D	2007	Release and persistence of extracellular DNA in the environment	Environmental Biosafety Research	6	37-53	<a href="http://dx.doi.org/10.1051/embr:2007031">http://dx.doi.org/10.1051/embr:2007031</a>
Gf - HGT soil	Pontrolli A,Simonet P,Frostegard A,Vogel TM,Monier J-M	2007	Fate of transgenic plant DNA in the environment	Environmental Biosafety Research	6	15-35	<a href="http://dx.doi.org/10.1051/embr:2007037">http://dx.doi.org/10.1051/embr:2007037</a>
Gf - HGT soil	Poté J,Rosselli W,Wigger A,Wildi W	2007	Release and leaching of plant DNA in unsaturated soil column	Ecotoxicology and Environmental Safety	68	293-298	<a href="http://dx.doi.org/10.1016/j.ecoenv.2006.11.004">http://dx.doi.org/10.1016/j.ecoenv.2006.11.004</a>

Gf - HGT soil	Simpson D.J,Dawson L.F, Fry J.C,Rogers H.J,Day M.J	2007	Influence of flanking homology and insert size on the transformation frequency of <i>Acinetobacter baylyi</i> BD413	Environmental Biosafety Research	6	55-69	<a href="http://dx.doi.org/10.1051/embr:2007027">http://dx.doi.org/10.1051/embr:2007027</a>
Gf - HGT soil	Simpson D.J,Fry J.C,Rogers H.J,Day M.J	2007	Transformation of <i>Acinetobacter baylyi</i> in non-sterile soil using recombinant plant nuclear DNA	Environmental Biosafety Research	6	101-112	<a href="http://dx.doi.org/10.1051/embr:2007024">http://dx.doi.org/10.1051/embr:2007024</a>
Gf - HGT soil	Bruseti L,Rizzi A,Abruzzese A,Sacchi G,Arago E,Bazzicalupo M,Sorlini C,Daffonchio D	2008	Effects of rhizodeposition of non-transgenic and transplastomic tobaccos on the soil bacterial community	Environmental Biosafety Research	7	Nov-24	<a href="http://dx.doi.org/10.1051/embr:2008002">http://dx.doi.org/10.1051/embr:2008002</a>
Gf - HGT soil	Demanèche S,Sanguin H,Poté J,Navarro E,Bernillon D,Mavingui P,Wildi W,Vogel T,M,Simonet P	2008	Antibiotic-resistant soil bacteria in transgenic plant fields	Proceedings of the National Academy of Sciences	105	3957-3962	<a href="http://dx.doi.org/10.1073/pnas.0800072105">http://dx.doi.org/10.1073/pnas.0800072105</a>
Gf - HGT soil	Gulden RH, Lerat S, Blackshaw RE, Powell JR, Levy-Booth DJ, Dunfield KE, Trevors JT, Pauls KP, Kilromanos JN, Swanton CJ	2008	Factors Affecting the Presence and Persistence of Plant DNA in the Soil Environment in Corn and Soybean Rotations	Weed Science	56	767-774	<a href="http://dx.doi.org/10.1614/ws-08-044.1">http://dx.doi.org/10.1614/ws-08-044.1</a>
Gf - HGT soil	Kaiser C, Bachmeier B, Conrad C, Neirlich A, Bratzke H, Eisenmenger W, Peschel O	2008	Molecular study of time dependent changes in DNA stability in soil buried skeletal residues Risks from GMOs due to Horizontal Gene Transfer	Forensic Science International	177	32-36	<a href="http://dx.doi.org/10.1016/j.forsciint.2007.10.005">http://dx.doi.org/10.1016/j.forsciint.2007.10.005</a>
Gf - HGT soil	Keese P	2008	Real-Time Polymerase Chain Reaction Monitoring of Recombinant DNA Entry into Soil from Decomposing Roundup Ready Leaf Biomass	Environmental Biosafety Research	7	123-149	<a href="http://dx.doi.org/10.1051/embr:2008014">http://dx.doi.org/10.1051/embr:2008014</a>
Gf - HGT soil	Levy-Booth DJ, Campbell RG, Gulden RH, Hart MM, Powell JR, Kilromanos JN, Pauls KP, Swanton CJ, Trevors JT, Dunfield KE	2008	Strategy for in situ detection of natural transformation-based horizontal gene transfer events	Applied and Environmental Microbiology	74	1250-1254	<a href="http://dx.doi.org/10.1128/aem.02185-07">http://dx.doi.org/10.1128/aem.02185-07</a>
Gf - HGT soil	Rizzi A, Pontiroli A, Brusetti L, Borin S, Sorlini C, Abruzzese A, Sacchi GA, Vogel TM, Simonet P, Bazzicalupo M, Nielsen KM, Monier J-M, Daffonchio D	2008	Extraction of DNA from Soil for Analysis of Bacterial Diversity in Transgenic and Nontransgenic Papaya Sites	J. Agric. Food Chem.	56	11969-11975	<a href="http://dx.doi.org/10.1021/jf8025666">http://dx.doi.org/10.1021/jf8025666</a>
Gf - HGT soil	Sheu C,Wu C-Y, Chen S-C, Lo C-C	2009	Soil persistence of DNA from transgenic poplar Roundup Ready® soybean gene concentrations in field soil aggregate size classes	Environmental Biosafety Research	8	79-86	<a href="http://dx.doi.org/10.1051/embr/2009005">http://dx.doi.org/10.1051/embr/2009005</a>
Gf - HGT soil	Levy - Booth DJ, Gulden RH, Campbell RG, Powell JR, Kilromanos JN, Pauls KP, Swanton CJ, Trevors JT, Dunfield KE	2009	Visual evidence of horizontal gene transfer between plants and bacteria in the phytosphere of transplastomic tobacco	FEMS Microbiology Letters	291	175-179	<a href="http://dx.doi.org/10.1111/j.1574-6968.2008.01449.x">http://dx.doi.org/10.1111/j.1574-6968.2008.01449.x</a>
Gf - HGT soil	Pontiroli A, Rizzi A, Simonet P, Daffonchio D, Vogel TM, Monier J-M	2009	Plant leaf mass loss and DNA release in freshwater sediments	Applied and Environmental Microbiology	75	3314-3322	<a href="http://dx.doi.org/10.1128/aem.02632-08">http://dx.doi.org/10.1128/aem.02632-08</a>
Gf - HGT soil	Poté J, Ackermann R, Wildi W	2009	Kinetics of plant material mass loss and DNA release in freshwater column	Ecotoxicology and Environmental Safety	72	1378-1383	<a href="http://dx.doi.org/10.1016/j.ecoenv.2009.04.010">http://dx.doi.org/10.1016/j.ecoenv.2009.04.010</a>
Gf - HGT soil	Bravo AG, Wildi W, Poté J	2010	Molecular aspects of gene transfer and foreign DNA acquisition in prokaryotes with regard to safety issues	Ecotoxicology and Environmental Safety	73	1548-1552	<a href="http://dx.doi.org/10.1016/j.ecoenv.2010.05.019">http://dx.doi.org/10.1016/j.ecoenv.2010.05.019</a>
Gf - HGT soil	Brigulla M, Wackernagel W	2010	Long-term persistence and bacterial transformation potential of transplastomic plant DNA in soil	Applied Microbiology and Biotechnology	86	1027-1041	<a href="http://dx.doi.org/10.1007/s00253-010-2489-3">http://dx.doi.org/10.1007/s00253-010-2489-3</a>
Gf - HGT soil	Pontiroli A, Ceccherini M-T, Poté J, Wildi W, Kay E, Nannipieri P, Vogel TM, Simonet P, Monier J-M	2010	Leaching and transformability of transgenic DNA in unsaturated soil columns	Research in microbiology	161	326-334	<a href="http://dx.doi.org/10.1016/j.resmic.2010.04.009">http://dx.doi.org/10.1016/j.resmic.2010.04.009</a>
Gf - HGT soil	Poté J, Teresa Ceccherini M, Rosselli W, Wildi W, Simonet P, Vogel TM	2010	Development of real time PCR assays for detection and quantification of transgene DNA of a <i>Bacillus thuringiensis</i> (Bt) corn hybrid in soil samples	Ecotoxicology and Environmental Safety	73	67-72	<a href="http://dx.doi.org/10.1016/j.ecoenv.2009.09.009">http://dx.doi.org/10.1016/j.ecoenv.2009.09.009</a>
Gf - HGT soil	Zhu B, Ma B-L, Blackshaw RE	2010		Transgenic Research	19	765-774	<a href="http://dx.doi.org/10.1007/s11248-009-9353-1">http://dx.doi.org/10.1007/s11248-009-9353-1</a>

Gf - HGT soil	Demanèche S, Brard C, Lima O, Binet F, Simonet P	2011	Development of a new tool to improve gene transfer frequency calculations	Journal of microbiological methods	86	255-257	<a href="http://dx.doi.org/10.1016/j.mimet.2011.05.014">http://dx.doi.org/10.1016/j.mimet.2011.05.014</a>
Gf - HGT soil	Demanèche S, Monier JM, Dugat - Bony E, Simonet P	2011	Exploration of horizontal gene transfer between transplastomic tobacco and plant - associated bacteria	FEMS Microbiology Ecology	78	129-136	<a href="http://dx.doi.org/10.1111/j.1574-6941.2011.01126.x">http://dx.doi.org/10.1111/j.1574-6941.2011.01126.x</a>
Gf - HGT soil	Isaza LA, Opelt K, Wagner T, Mattes E, Bieber E, Hatley EO, Roth G, Sanjuán J, Fischer H-M, Sandermann H, Hartmann A, Ernst D	2011	Lack of glyphosate resistance gene transfer from Roundup Ready soybean to <i>Bradyrhizobium japonicum</i> under field and laboratory conditions	Zeitschrift Für Naturforschung. C, Journal of Biosciences	66	595-604	
Gf - HGT soil	Ma BL, Blackshaw RE, Roy J, He T	2011	Investigation on gene transfer from genetically modified corn ( <i>Zea mays L.</i> ) plants to soil bacteria	Journal of Environmental Science and Health, Part B	46	590-599	<a href="http://dx.doi.org/doi: 10.1080/03601234.2011.586598">http://dx.doi.org/doi: 10.1080/03601234.2011.586598</a>
Gf - HGT soil	Talianova M, Janousek B	2011	What can we learn from tobacco and other Solanaceae about horizontal DNA transfer?	American Journal of Botany	98	1231-1242	<a href="http://dx.doi.org/10.3732/ajb.1000370">http://dx.doi.org/10.3732/ajb.1000370</a>
Gf - HGT soil	Yeom J, Yunho L, Noh J, Jung J, Park J, Seo H, Kim J, Han J, Jeon CO, Kim T, Park W	2011	Detection of genetically modified microorganisms in soil using the most-probable-number method with multiplex PCR and DNA dot blot	Research in microbiology	162	807-816	<a href="http://dx.doi.org/10.1016/j.resmic.2011.07.003">http://dx.doi.org/10.1016/j.resmic.2011.07.003</a>
Gf - HGT soil	Forsberg KJ, Reyes A, Wang B, Selleck EM, Sommer MOA, Dantas G	2012	The Shared Antibiotic Resistome of Soil Bacteria and Human Pathogens	Science	337	1107-1111	<a href="http://dx.doi.org/10.1126/science.1220761">http://dx.doi.org/10.1126/science.1220761</a>
Gf - HGT soil	Zhang X, Nesme J, Simonet P, Frostegård Å	2012	Fate of invading bacteria in soil and survival of transformants after simulated uptake of transgenes, as evaluated by a model system based on lindane degradation	Research in microbiology	163	200-210	<a href="http://dx.doi.org/10.1016/j.resmic.2012.01.007">http://dx.doi.org/10.1016/j.resmic.2012.01.007</a>
Non-targeted assessment	Cockburn A	2002	Assuring the safety of genetically modified (GM) foods: the importance of an holistic, integrative approach	Journal of Biotechnology	98	79-106	<a href="http://dx.doi.org/10.1016/s0168-1656(02)00088-3">http://dx.doi.org/10.1016/s0168-1656(02)00088-3</a>
Non-targeted assessment	Hollingworth RM, Bjeldanes LF, Bolger M, Kimber I, Meade BJ, Taylor SL, Wallace KB	2003	The Safety of Genetically Modified Foods Produced through Biotechnology	Toxicological Sciences	71	02-Aug	<a href="http://dx.doi.org/10.1093/toxsci/71.1.2">http://dx.doi.org/10.1093/toxsci/71.1.2</a>
Non-targeted assessment	Kuiper HA, Kok EJ, Engel K-H	2003	Exploitation of molecular profiling techniques for GM food safety assessment	Current Opinion in Biotechnology	14	238-243	<a href="http://dx.doi.org/10.1016/s0958-1669(03)00021-1">http://dx.doi.org/10.1016/s0958-1669(03)00021-1</a>
Non-targeted assessment	Le Gall G, Colquhoun IJ, Davis AL, Collins GJ, Verhoeyen ME	2003	Metabolite Profiling of Tomato ( <i>Lycopersicon esculentum</i> ) Using 1H NMR Spectroscopy as a Tool To Detect Potential Unintended Effects Following a Genetic Modification	J. Agric. Food Chem.	51	2447-2456	<a href="http://dx.doi.org/10.1021/jf0259967">http://dx.doi.org/10.1021/jf0259967</a>
Non-targeted assessment	Cellini F, Chesson A, Colquhoun I, Constable A, Davies HV, Engel KH, Gatehouse AMR, Kärenlampi S, Kok EJ, Leguay JJ, Lehesranta S, Noteborn HPJM, Pedersen J, Smith M	2004	Unintended effects and their detection in genetically modified crops	Food and Chemical Toxicology	42	1089-1125	<a href="http://dx.doi.org/10.1016/j.fct.2004.02.003">http://dx.doi.org/10.1016/j.fct.2004.02.003</a>
Non-targeted assessment	Charlton A, Allnutt T, Holmes S, Chisholm J, Bean S, Ellis N, Mullineaux P, Oehlschlager S	2004	NMR profiling of transgenic peas	Plant Biotechnology Journal	2	27-35	<a href="http://dx.doi.org/10.1046/j.1467-7652.2003.00045.x">http://dx.doi.org/10.1046/j.1467-7652.2003.00045.x</a>
Non-targeted assessment	Defernez M, Gunning YM, Parr AJ, Shepherd LVT, Davies HV, Colquhoun IJ	2004	NMR and HPLC-UV Profiling of Potatoes with Genetic Modifications to Metabolic Pathways	J. Agric. Food Chem.	52	6075-6085	<a href="http://dx.doi.org/10.1021/jf049522e">http://dx.doi.org/10.1021/jf049522e</a>
Non-targeted assessment	Manetti C, Bianchetti C, Bizzarri M, Casciani L, Castro C, D'Ascenzo G, Deifini M, Di Cocco ME, Laganà A, Miccheli A, Motto M, Conti F	2004	NMR-based metabolomic study of transgenic maize	Phytochemistry	65	3187-3198	<a href="http://dx.doi.org/10.1016/j.phytochem.2004.10.015">http://dx.doi.org/10.1016/j.phytochem.2004.10.015</a>
Non-targeted assessment	Catchpole GS, Beckmann M, Enot DP, Mondhe M, Zywicki B, Taylor J, Haray N, Smith A, King RD, Kell DB, Fiehn O, Draper J	2005	Hierarchical metabolomics demonstrates substantial compositional similarity between genetically modified and conventional potato crops	Proceedings of the National Academy of Sciences of the United States of America	102	14458-14462	<a href="http://dx.doi.org/10.1073/pnas.0503955102">http://dx.doi.org/10.1073/pnas.0503955102</a>

Non-targeted assessment	Garratt LC, Limforth R, Taylor AJ, Lowe KC, Power JB, Davey MR	2005	Metabolite fingerprinting in transgenic lettuce	Plant Biotechnology Journal	3	165-174	<a href="http://dx.doi.org/10.1111/j.1467-7652.2004.00110.x">http://dx.doi.org/10.1111/j.1467-7652.2004.00110.x</a>
Non-targeted assessment	Gregersen P, Brinch-Pedersen H, Holm P	2005	A Microarray-Based Comparative Analysis of Gene Expression Profiles During Grain Development in Transgenic and Wild Type Wheat	Transgenic Research	14	887-905	<a href="http://dx.doi.org/10.1007/s11248-005-1526-y">http://dx.doi.org/10.1007/s11248-005-1526-y</a>
Non-targeted assessment	Huang S, Kruger DE, Frizzi A, D'Ordine RL, Florida CA, Adams WR, Brown WE, Luethy MH	2005	High - lysine corn produced by the combination of enhanced lysine biosynthesis and reduced zein accumulation	Plant Biotechnology Journal	3	555-569	<a href="http://dx.doi.org/10.1111/j.1467-7652.2005.00146.x">http://dx.doi.org/10.1111/j.1467-7652.2005.00146.x</a>
Non-targeted assessment	Kristensen C, Morant M, Olsen CE, Ekstrom CT, Galbraith DW, Lindberg Møller B, Bak S	2005	Metabolic engineering of dhurrin in transgenic Arabidopsis plants with marginal inadvertent effects on the metabolome and transcriptome	Proceedings of the National Academy of Sciences of the United States of America	102	1779-1784	<a href="http://dx.doi.org/10.1073/pnas.0409233102">http://dx.doi.org/10.1073/pnas.0409233102</a>
Non-targeted assessment	Lehesranta SJ, Davies HV, Shepherd LVT, Nunan N, McNicol JW, Aurioola S, Koistinen KM, Suomalainen S, Kokko H, Karenlampi SO	2005	Comparison of Tuber Proteomes of Potato Varieties, Landraces, and Genetically Modified Lines	Plant Physiology	138	1690-1699	<a href="http://dx.doi.org/10.1104/pp.105.060152">http://dx.doi.org/10.1104/pp.105.060152</a>
Non-targeted assessment	Ouakfaoui SE, Milki B	2005	The stability of the Arabidopsis transcriptome in transgenic plants expressing the marker genes nptII and uidA	The Plant Journal	41	791-800	<a href="http://dx.doi.org/10.1111/j.1365-3113X.2005.02350.x">http://dx.doi.org/10.1111/j.1365-3113X.2005.02350.x</a>
Non-targeted assessment	Poerschmann J, Gathmann A, Augustin J, Langer U, Górecki T	2005	Molecular composition of leaves and stems of genetically modified Bt and near-isogenic non-Bt maize--characterization of lignin patterns	Journal of Environmental Quality	34	1508-1518	<a href="http://dx.doi.org/10.2134/jeq2005.0070">http://dx.doi.org/10.2134/jeq2005.0070</a>
Non-targeted assessment	Tagashira N, Plader W, Filipceki M, Yin Z, Wisniewska A, Gaj P, Szewacka M, Fiehn O, Hoshi Y, Kondo K, Malepszy S	2005	The metabolic profiles of transgenic cucumber lines vary with different chromosomal locations of the transgene	Cellular & Molecular Biology Letters	10	697-710	
Non-targeted assessment	Baker JM, Hawkins ND, Ward JL, Lovegrove A, Napier JA, Shewry PR, Beale MH	2006	A metabolomic study of substantial equivalence of field-grown genetically modified wheat	Plant Biotechnol J	4	381-92	
Non-targeted assessment	Baudo MM, Lyons R, Powers S, Pastori GM, Edwards KJ, Holdsworth MJ, Shewry PR	2006	Transgenesis has less impact on the transcriptome of wheat grain than conventional breeding	Plant Biotechnology Journal	4	369-380	
Non-targeted assessment	Honvath-Szanics E, Szabo Z, Janaky T, Pauk J, Hajos G	2006	Proteomics as an Emergent Tool for Identification of Stress-Induced Proteins in Control and Genetically Modified Wheat Lines	Chromatographia	63	S143-S147	<a href="http://dx.doi.org/10.1365/s10337-005-0708-3">http://dx.doi.org/10.1365/s10337-005-0708-3</a>
Non-targeted assessment	Lay Jr JO, Lyanage R, Borgmann S, Wilkins CL	2006	Problems with the "omics"	TRAC Trends in Analytical Chemistry	25	1046-1056	<a href="http://dx.doi.org/10.1016/j.trac.2006.10.007">http://dx.doi.org/10.1016/j.trac.2006.10.007</a>
Non-targeted assessment	Long M, Millar DJ, Kimura Y, Donovan G, Rees J, Fraser PD, Bramley PM, Bolwell GP	2006	Metabolite profiling of carotenoid and phenolic pathways in mutant and transgenic lines of tomato: Identification of a high antioxidant fruit line	Phytochemistry	67	1750-1757	<a href="http://dx.doi.org/10.1016/j.phytochem.2006.02.022">http://dx.doi.org/10.1016/j.phytochem.2006.02.022</a>
Non-targeted assessment	Manetti C, Bianchetti C, Casacani L, Castro C, Di Cocco ME, Miccheli A, Motto M, Conti F	2006	A metabolomic study of transgenic maize (Zea mays) seeds revealed variations in osmolytes and branched amino acids	Journal of Experimental Botany	57	2613-2625	<a href="http://dx.doi.org/10.1093/jxb/erl025">http://dx.doi.org/10.1093/jxb/erl025</a>
Non-targeted assessment	Metzdorff SB, Kok EJ, Knuthsen P, Pedersen J	2006	Evaluation of a Non - Targeted "Omics" Approach in the Safety Assessment of Genetically Modified Plants	Plant Biology	8	662-672	<a href="http://dx.doi.org/10.1055/s-2006-924151">http://dx.doi.org/10.1055/s-2006-924151</a>
Non-targeted assessment	Rischer H, Oksman-Caldentey K-M	2006	Unintended effects in genetically modified crops: revealed by metabolomics?	Trends in Biotechnology	24	102-104	<a href="http://dx.doi.org/10.1016/j.tibtech.2006.01.009">http://dx.doi.org/10.1016/j.tibtech.2006.01.009</a>
Non-targeted assessment	Roy S, Sen CK	2006	cDNA Microarray Screening in Food Safety	Toxicology	221	128-133	<a href="http://dx.doi.org/10.1016/j.tox.2005.12.025">http://dx.doi.org/10.1016/j.tox.2005.12.025</a>

Non-targeted assessment	Shepherd L, McNicol J, Razzo R, Taylor M, Davies H	2006	Assessing the potential for unintended effects in genetically modified potatoes perturbed in metabolic and developmental processes. Targeted analysis of key nutrients and anti-nutrients	Transgenic Research	15	409-425	<a href="http://dx.doi.org/10.1007/s11248-006-0012-5">http://dx.doi.org/10.1007/s11248-006-0012-5</a>
Non-targeted assessment	Wakasa K, Hasegawa H, Nemoto H, Matsuda F, Miyazawa H, Tozawa Y, Morino K, Komatsu A, Yamada T, Terakawa T, Miyagawa H	2006	High-Level Tryptophan Accumulation in Seeds of Transgenic Rice and Its Limited Effects on Agronomic Traits and Seed Metabolite Profile	Journal of Experimental Botany	57	3069-3078	<a href="http://dx.doi.org/10.1093/jxb/erl068">http://dx.doi.org/10.1093/jxb/erl068</a>
Non-targeted assessment	Albo GA, Milla S, Digilio G, Motto M, Aime S, Corpillo D	2007	PROTEOMIC ANALYSIS OF A GENETICALLY MODIFIED MAIZE FLOUR CARRYING CRY1AB GENE AND COMPARISON TO THE CORRESPONDING WILD-TYPE	Maydica	52	443-455	
Non-targeted assessment	Castro C, Manetti C	2007	A multiway approach to analyze metabolomic data: a study of maize seeds development	Analytical Biochemistry	371	194-200	<a href="http://dx.doi.org/10.1016/j.ab.2007.08.028">http://dx.doi.org/10.1016/j.ab.2007.08.028</a>
Non-targeted assessment	Dubouzet JG, Ishihara A, Matsuda F, Miyagawa H, Iwata H, Wakasa K	2007	Integrated Metabolomic and Transcriptomic Analyses of High-Tryptophan Rice Expressing a Mutant Anthranilate Synthase Alpha Subunit	Journal of Experimental Botany	58	3309-3321	<a href="http://dx.doi.org/10.1093/jxb/erm179">http://dx.doi.org/10.1093/jxb/erm179</a>
Non-targeted assessment	Fraser PD, Enfissi EMA, Halket JM, Truesdale MR, Yu D, Gerrish C, Bramley PM	2007	Manipulation of Phytoene Levels in Tomato Fruit: Effects on Isoprenoids, Plastids, and Intermediary Metabolism	The Plant Cell Online	19	3194-3211	<a href="http://dx.doi.org/10.1105/tpc.106.049817">http://dx.doi.org/10.1105/tpc.106.049817</a>
Non-targeted assessment	Joest J-R, Urbaniak B, Njoko-Iosei K, Wirth J, Martin F, Gruissem W, Hostettmann K, Sautter C	2007	Flavonoid profiling among wild type and related GM wheat varieties	Plant Molecular Biology	65	645-654	<a href="http://dx.doi.org/10.1007/s1103-007-9229-9">http://dx.doi.org/10.1007/s1103-007-9229-9</a>
Non-targeted assessment	Ishihara A, Matsuda F, Miyagawa H, Wakasa K	2007	Metabolomics for metabolically manipulated plants: effects of tryptophan overproduction	Metabolomics	3	319-334	<a href="http://dx.doi.org/10.1007/s11306-007-0072-4">http://dx.doi.org/10.1007/s11306-007-0072-4</a>
Non-targeted assessment	Molkentin J, Giesemann A	2007	Differentiation of organically and conventionally produced milk by stable isotope and fatty acid analysis	Analytical and Bioanalytical Chemistry	388	297-305	<a href="http://dx.doi.org/10.1007/s00216-007-1222-2">http://dx.doi.org/10.1007/s00216-007-1222-2</a>
Non-targeted assessment	Rodriguez-Nogales JM, Cifuentes A, Garcia MC, Marina ML	2007	Characterization of Protein Fractions from Bt-Transgenic and Non-transgenic Maize Varieties Using Perfusion and Monolithic RP-HPLC. Maize Differentiation by Multivariate Analysis	J. Agric. Food Chem.	55	3835-3842	<a href="http://dx.doi.org/10.1021/jf063579e">http://dx.doi.org/10.1021/jf063579e</a>
Non-targeted assessment	Shewry PR, Baudo M, Lovegrove A, Powers S, Napier JA, Ward JL, Baker JM, Beale MH	2007	Are GM and conventionally bred cereals really different?	Trends in Food Science & Technology	18	201-209	<a href="http://dx.doi.org/10.1016/j.tifs.2006.12.010">http://dx.doi.org/10.1016/j.tifs.2006.12.010</a>
Non-targeted assessment	Batista R, Saibo N, Lourenço T, Oliveira MM	2008	Microarray analyses reveal that plant mutagenesis may induce more transcriptomic changes than transgene insertion	Proceedings of the National Academy of Sciences	105	3640-3645	
Non-targeted assessment	Bellaloui N, Zablutowicz RM, Reddy KN, Abel CA	2008	Nitrogen Metabolism and Seed Composition As Influenced by Glyphosate Application in Glyphosate-Resistant Soybean	J. Agric. Food Chem.	56	2765-2772	<a href="http://dx.doi.org/10.1021/jf0703615m">http://dx.doi.org/10.1021/jf0703615m</a>
Non-targeted assessment	Castro C, Motto M, Rossi V, Manetti C	2008	Variation of metabolic profiles in developing maize kernels up- and down-regulated for the <i>hda101</i> gene	Journal of Experimental Botany	59	3913-3924	<a href="http://dx.doi.org/10.1093/jxb/ern239">http://dx.doi.org/10.1093/jxb/ern239</a>
Non-targeted assessment	Cheng KC, Beaulieu J, Iquiria E, Belzile F, Fortin MG, Strömvik MV	2008	Effect of Transgenes on Global Gene Expression in Soybean Is within the Natural Range of Variation of Conventional Cultivars	J. Agric. Food Chem.	56	3057-3067	<a href="http://dx.doi.org/10.1021/jf073505i">http://dx.doi.org/10.1021/jf073505i</a>
Non-targeted assessment	Coll A, Nadal A, Palau-del-Imàs M, Messeguer J, Melé E, Puigdomènech P, Pla M	2008	Lack of repeatable differential expression patterns between MON810 and comparable commercial varieties of maize	Plant Molecular Biology	68	105-117	<a href="http://dx.doi.org/10.1007/s1103-008-9355-z">http://dx.doi.org/10.1007/s1103-008-9355-z</a>

Non-targeted assessment	García-Villaiba R, León C, Dinelli G, Segura-Carretero A, Fernández-Gutiérrez A, García-Cañas V, Cifuentes A	2008	Comparative metabolomic study of transgenic versus conventional soybean using capillary electrophoresis-time-of-flight mass spectrometry	Journal of Chromatography A	1195	164-173	<a href="http://dx.doi.org/10.1016/j.chroma.2008.05.018">http://dx.doi.org/10.1016/j.chroma.2008.05.018</a>
Non-targeted assessment	Hoekenga OA	2008	Using Metabolomics To Estimate Unintended Effects in Transgenic Crop Plants: Problems, Promises, and Opportunities	Journal of Biomolecular Techniques	19	159-166	
Non-targeted assessment	Kiambi DK, Fortin M, Stromvick M	2008	Linking transcript profiles to metabolites and metabolic pathways: A systems biology approach to transgene risk assessment	Plant Omics Journal	1	26-36	
Non-targeted assessment	Levandi T, Leon C, Kalljurand M, Garcia-Cañas V, Cifuentes A	2008	Capillary Electrophoresis Time-of-Flight Mass Spectrometry for Comparative Metabolomics of Transgenic versus Conventional Maize	Anal. Chem.	80	6329-6335	<a href="http://dx.doi.org/10.1021/ac8006329">http://dx.doi.org/10.1021/ac8006329</a>
Non-targeted assessment	Zhu J, Patzoldt WL, Shealy RT, Vodkin LO, Clough SJ, Tranel PJ	2008	Transcriptome Response to Glyphosate in Sensitive and Resistant Soybean	J. Agric. Food Chem.	56	6355-6363	<a href="http://dx.doi.org/10.1021/jf801254e">http://dx.doi.org/10.1021/jf801254e</a>
Non-targeted assessment	Zolla L, Rinalducci S, Antonioni P, Righetti PG	2008	Proteomics as a Complementary Tool for Identifying Unintended Side Effects Occurring in Transgenic Maize Seeds As a Result of Genetic Modifications	J. Proteome Res.	7	1850-1861	<a href="http://dx.doi.org/10.1021/pr0705082">http://dx.doi.org/10.1021/pr0705082</a>
Non-targeted assessment	Abdeen A, Miki B	2009	The pleiotropic effects of the bar gene and glufosinate on the Arabidopsis transcriptome	Plant Biotechnol J	7	266-282	
Non-targeted assessment	Baudo MM, Powers SJ, Mitchell RAC, Shewry PR	2009	Establishing Substantial Equivalence: Transcriptomics	Transgenic Wheat, Barley and Oats	478	247-272	
Non-targeted assessment	Beale MH, Ward JL, Baker JM	2009	Establishing Substantial Equivalence: Metabolomics	Transgenic Wheat, Barley and Oats	478	289-303	
Non-targeted assessment	Beatty PH, Shrawat AK, Carroll RT, Zhu T, Good AG	2009	Transcriptome analysis of nitrogen - efficient rice over - expressing alanine aminotransferase	Plant Biotechnology Journal	7	562-576	<a href="http://dx.doi.org/10.1111/j.1467-7652.2009.00424.x">http://dx.doi.org/10.1111/j.1467-7652.2009.00424.x</a>
Non-targeted assessment	Chen H, Bodulovic G, Hall PJ, Moore A, Higgins TJV, Djordjevic MA, Rolfe BG	2009	Unintended changes in protein expression revealed by proteomic analysis of seeds from transgenic pea expressing a bean $\alpha$ - amylase inhibitor gene	PROTEOMICS	9	4406-4415	<a href="http://dx.doi.org/10.1002/pmic.200900111">http://dx.doi.org/10.1002/pmic.200900111</a>
Non-targeted assessment	Coll A, Nadal A, Collado R, Capellades G, Messeguer J, Melé E, Palau-deimàs M, Pla M	2009	Gene expression profiles of MON810 and comparable non-GM maize varieties cultured in the field are more similar than are those of conventional lines	Transgenic Research	18	801-808	<a href="http://dx.doi.org/10.1007/s11248-009-9266-z">http://dx.doi.org/10.1007/s11248-009-9266-z</a>
Non-targeted assessment	Duarte JF, Lamego I, Rocha C, Gil AM	2009	NMR metabolomics for mammalian cell metabolism studies	Bioanalysis	1	1597-1614	<a href="http://dx.doi.org/10.4155/bio.09.151">http://dx.doi.org/10.4155/bio.09.151</a>
Non-targeted assessment	Islam N, Campbell PM, Higgins TJV, Hirano H, Akhurst RJ	2009	Transgenic peas expressing an $\alpha$ - amylase inhibitor gene from beans show altered expression and modification of endogenous proteins	ELECTROPHORESIS	30	1863-1868	<a href="http://dx.doi.org/10.1002/elps.200800717">http://dx.doi.org/10.1002/elps.200800717</a>
Non-targeted assessment	Kim H, Kim S, Park Y, Kwon S, Liu J, Joung H, Jeon J	2009	Metabolic profiles of genetically modified potatoes using a combination of metabolite fingerprinting and multivariate analysis	Biotechnology and Bioengineering	14	738-747	<a href="http://dx.doi.org/10.1007/s12257-009-0168-y">http://dx.doi.org/10.1007/s12257-009-0168-y</a>
Non-targeted assessment	Lao Y-M, Jiang J-G, Yan L	2009	Application of metabolomic analytical techniques in the modernization and toxicology research of traditional Chinese medicine	British Journal of Pharmacology	157	1128-1141	<a href="http://dx.doi.org/10.1111/j.1476-5381.2009.00257.x">http://dx.doi.org/10.1111/j.1476-5381.2009.00257.x</a>

Non-targeted assessment	Leon C, Rodriguez-Meizoso I, Lucio M, Garcia-Cañas V, Ibañez E, Schmitt-Kopplin P, Cifuentes A	2009	Metabolomics of transgenic maize combining Fourier transform-ion cyclotron resonance-mass spectrometry, capillary electrophoresis-mass spectrometry and pressurized liquid extraction	Journal of Chromatography A	1216	7314-7323	<a href="http://dx.doi.org/10.1016/j.chroma.2009.04.092">http://dx.doi.org/10.1016/j.chroma.2009.04.092</a>
Non-targeted assessment	Lovegrove A, Salt L, Shewry PR	2009	Establishing Substantial Equivalence: Proteomics	Transgenic Wheat, Barley and Oats	478	273-288	
Non-targeted assessment	Miki B, Abdeen A, Manabe Y, MacDonald P	2009	Selectable marker genes and unintended changes to the plant transcriptome	Plant Biotechnol J	7	211-218	
Non-targeted assessment	Paz JL, Vicient C, Puigdomènech P, Pla M	2009	Characterization of polyadenylated cryIA(b) transcripts in maize MON810 commercial varieties	Analytical and Bioanalytical Chemistry	396	2125-2133	<a href="http://dx.doi.org/10.1007/s00216-009-3176-z">http://dx.doi.org/10.1007/s00216-009-3176-z</a>
Non-targeted assessment	Piccioni F, Capitani D, Zolla L, Mannina L	2009	NMR Metabolic Profiling of Transgenic Maize with the Cry1A(b) Gene	J. Agric. Food Chem.	57	6041-6049	<a href="http://dx.doi.org/10.1021/jf900811u">http://dx.doi.org/10.1021/jf900811u</a>
Non-targeted assessment	Pischetsrieder M, Baeuerlein R	2009	Proteome research in food science	Chem. Soc. Rev.	38	2600-2608	<a href="http://dx.doi.org/10.1039/b817898b">http://dx.doi.org/10.1039/b817898b</a>
Non-targeted assessment	Ren Y, Wang T, Peng Y, Xia B, Qu L, J	2009	Distinguishing transgenic from non-transgenic Arabidopsis plants by <sup>1</sup> H NMR-based metabolic fingerprinting	Journal of Genetics and Genomics	36	621-628	<a href="http://dx.doi.org/10.1016/s1673-8527(08)60154-x">http://dx.doi.org/10.1016/s1673-8527(08)60154-x</a>
Non-targeted assessment	Zhou J, Ma C, Xu H, Yuan K, Lu X, Zhu Z, Wu Y, Xu G	2009	Metabolic profiling of transgenic rice with cryIAC and sck genes: An evaluation of unintended effects at metabolic level by using GC-FID and GC-MS	Journal of Chromatography B	877	725-732	<a href="http://dx.doi.org/10.1016/j.jchromb.2009.01.040">http://dx.doi.org/10.1016/j.jchromb.2009.01.040</a>
Non-targeted assessment	Abdeen A, Schnell J, Miki B	2010	Transcriptome analysis reveals absence of unintended effects in drought-tolerant transgenic plants overexpressing the transcription factor ABF3	BMC Genomics	11		<a href="http://dx.doi.org/10.1186/1471-2164-11-69">http://dx.doi.org/10.1186/1471-2164-11-69</a>
Non-targeted assessment	Anttonen MJ, Lehesranta S, Auriola S, Röhlig RM, Engel K-H, Kärenlampi SO	2010	Genetic and Environmental Influence on Maize Kernel Proteome	J. Proteome Res.	9	6160-6168	<a href="http://dx.doi.org/10.1021/pr100251p">http://dx.doi.org/10.1021/pr100251p</a>
Non-targeted assessment	Asanuma Y, Jinkawa T, Tanaka H, Gondo T, Zaita N, Akashi R	2010	Assays of the production of harmful substances by genetically modified oilseed rape ( <i>Brassica napus</i> L.) plants in accordance with regulations for evaluating the impact on biodiversity in Japan	Transgenic Research	20	91-97	<a href="http://dx.doi.org/10.1007/s11248-010-9398-1">http://dx.doi.org/10.1007/s11248-010-9398-1</a>
Non-targeted assessment	Barros E, Lezar S, Anttonen MJ, Van Dijk JP, Röhlig RM, Kok EJ, Engel KH	2010	Comparison of two GM maize varieties with a near - isogenic non - GM variety using transcriptomics, proteomics and metabolomics	Plant Biotechnology Journal	8	436-451	<a href="http://dx.doi.org/10.1111/j.1467-7652.2009.00487.x">http://dx.doi.org/10.1111/j.1467-7652.2009.00487.x</a>
Non-targeted assessment	Battista R, Oliveira M	2010	Plant natural variability may affect safety assessment data	Regulatory Toxicology and Pharmacology	58	S8-S12	<a href="http://dx.doi.org/10.1016/j.yrtph.2010.08.019">http://dx.doi.org/10.1016/j.yrtph.2010.08.019</a>
Non-targeted assessment	Chassy BM	2010	Can -omics inform a food safety assessment?	Regulatory Toxicology and Pharmacology	58	S62-S70	<a href="http://dx.doi.org/10.1016/j.yrtph.2010.05.009">http://dx.doi.org/10.1016/j.yrtph.2010.05.009</a>
Non-targeted assessment	Coll A, Nadal A, Collado R, Capellades G, Kubista M, Messeguer J, Pla M	2010	Natural variation explains most transcriptomic changes among maize plants of MON810 and comparable non-GM varieties subjected to two N-fertilization farming practices	Plant Molecular Biology	73	349-362	<a href="http://dx.doi.org/10.1007/s11103-010-9624-5">http://dx.doi.org/10.1007/s11103-010-9624-5</a>
Non-targeted assessment	Davies HV, Shepherd LVT, Stewart DJ, Frank T, Röhlig RM, Engel K-H	2010	Metabolome variability in crop plant species – When, where, how much and so what?	Regulatory Toxicology and Pharmacology	58	S54-S61	<a href="http://dx.doi.org/10.1016/j.yrtph.2010.07.004">http://dx.doi.org/10.1016/j.yrtph.2010.07.004</a>
Non-targeted assessment	Dijk JPV, Leifert C, Barros E, Kok EJ	2010	Gene expression profiling for food safety assessment: Examples in potato and maize	Regulatory Toxicology and Pharmacology	58	S21-S25	<a href="http://dx.doi.org/10.1016/j.yrtph.2010.06.012">http://dx.doi.org/10.1016/j.yrtph.2010.06.012</a>

Non-targeted assessment	Doerrer N, Ladics G, McClain S, Herouet-Guichenev C, Poulsen LK, Priville L, Stagg N	2010	Evaluating biological variation in non-transgenic crops: Executive summary from the ILSI Health and Environmental Sciences Institute workshop, November 16–17, 2009, Paris, France	Regulatory Toxicology and Pharmacology	58	S2-S7	<a href="http://dx.doi.org/10.1016/j.yrtph.2010.06.017">http://dx.doi.org/10.1016/j.yrtph.2010.06.017</a>
Non-targeted assessment	Jiao Z, Si X-x, Li G-k, Zhang Z-m, Xu X-p	2010	Unintended Compositional Changes in Transgenic Rice Seeds ( <i>Oryza sativa</i> L.) Studied by Spectral and Chromatographic Analysis Coupled with Chemometrics Methods	J. Agric. Food Chem.	58	1746-1754	<a href="http://dx.doi.org/10.1021/jf902676y">http://dx.doi.org/10.1021/jf902676y</a>
Non-targeted assessment	Kogel K-H, Voll LM, Schäfer P, Jansen C, Wu Y, Langen G, Imani J, Hofmann J, Schmiel A, Sonnewald S, von Wettstein D, Cook R, Sonnewald U	2010	Transcriptome and metabolome profiling of field-grown transgenic barley lack induced differences but show cultivar-specific variances	Proceedings of the National Academy of Sciences	107	6198-6203	<a href="http://dx.doi.org/10.1073/pnas.1001945107">http://dx.doi.org/10.1073/pnas.1001945107</a>
Non-targeted assessment	Matsuda F, Ishihara A, Takamashi K, Morino K, Miyazawa H, Wakasa K, Miyagawa H	2010	Metabolic profiling analysis of genetically modified rice seedlings that overproduce tryptophan reveals the occurrence of its inter-tissue translocation	Plant Biotechnology	27	17-27	
Non-targeted assessment	Patterson AD, Gonzalez F, J, Idle JR	2010	XENOBIOTIC METABOLISM – A VIEW THROUGH THE METABOLOMETER	Chemical research in toxicology	23	851-860	<a href="http://dx.doi.org/10.1021/tx100020p">http://dx.doi.org/10.1021/tx100020p</a>
Non-targeted assessment	Paz J, Pla M, Papazova N, Puigdomènech P, Vicent C	2010	Stability of the MON 810 transgene in maize	Plant Molecular Biology	74	563-571	<a href="http://dx.doi.org/10.1007/s11103-010-9696-2">http://dx.doi.org/10.1007/s11103-010-9696-2</a>
Non-targeted assessment	Paz J, Pla M, Papazova N, Puigdomènech P, Vicent C	2010	Stability of the MON 810 transgene in maize	Plant Molecular Biology	74	563-571	<a href="http://dx.doi.org/10.1007/s11103-010-9696-2">http://dx.doi.org/10.1007/s11103-010-9696-2</a>
Non-targeted assessment	Röhlig RM, Engel K-H	2010	Influence of the Input System (Conventional versus Organic Farming) on Metabolite Profiles of Maize ( <i>Zea mays</i> ) Kernels	J. Agric. Food Chem.	58	3022-3030	<a href="http://dx.doi.org/10.1021/jf904101g">http://dx.doi.org/10.1021/jf904101g</a>
Non-targeted assessment	Sobolev AP, Capitani D, Giannino D, Nicolodi C, Testone G, Santoro F, Frugis G, Iannelli MA, Mattoo AK, Brosio E, Gianferri R, D'Amico I, Mannina L	2010	NMR-Metabolic Methodology in the Study of GM Foods	Nutrients	2	Jan-15	<a href="http://dx.doi.org/10.3390/nu20100001">http://dx.doi.org/10.3390/nu20100001</a>
Non-targeted assessment	Tahar SB, Salva I, Brants IO	2010	Genetic stability in two commercialized transgenic lines (MON810)	Nat Biotech	28		<a href="http://dx.doi.org/10.1038/nbt0810-779b">http://dx.doi.org/10.1038/nbt0810-779b</a>
Non-targeted assessment	Balsamo GM, Canghaiua-Inocente GC, Bertoldo JB, Terenzi H, Arisi ACM	2011	Proteomic Analysis of Four Brazilian MON810 Maize Varieties and Their Four Non-Genetically-Modified Isogenic Varieties	J. Agric. Food Chem.			<a href="http://dx.doi.org/10.1021/jf202635r">http://dx.doi.org/10.1021/jf202635r</a>
Non-targeted assessment	Coll A, Nadal A, Rossignol M, Puigdomènech P, Pla M	2011	Proteomic analysis of MON810 and comparable non-GM maize varieties grown in agricultural fields	Transgenic Research	20	939-949	<a href="http://dx.doi.org/10.1007/s11248-010-9453-y">http://dx.doi.org/10.1007/s11248-010-9453-y</a>
Non-targeted assessment	D'Alessandro A, Zolla L	2011	We are what we eat: food safety and proteomics	J. Proteome Res.			<a href="http://dx.doi.org/10.1021/pr2008829">http://dx.doi.org/10.1021/pr2008829</a>
Non-targeted assessment	García-Cañas V, Simó C, León C, Ibañez E, Cifuentes A	2011	MS-based analytical methodologies to characterize genetically modified crops	Mass Spectrometry Reviews	30	396-416	<a href="http://dx.doi.org/10.1002/mas.20286">http://dx.doi.org/10.1002/mas.20286</a>
Non-targeted assessment	Godin J-P, McCullagh JSO	2011	Review: Current applications and challenges for liquid chromatography coupled to isotope ratio mass spectrometry (LC/IRMS)	Rapid Communications in Mass Spectrometry: RCM	25	3019-3028	<a href="http://dx.doi.org/10.1002/rcm.5167">http://dx.doi.org/10.1002/rcm.5167</a>
Non-targeted assessment	Heinemann JA, Kurenbach B, Quist D	2011	Molecular profiling — a tool for addressing emerging gaps in the comparative risk assessment of GMOs	Environment International	37	1285-1293	<a href="http://dx.doi.org/10.1016/j.envint.2011.05.006">http://dx.doi.org/10.1016/j.envint.2011.05.006</a>
Non-targeted assessment	Herrero M, Simó C, García-Cañas V, Ibañez E, Cifuentes A	2011	Foodomics: MS-based strategies in modern food science and nutrition	Mass Spectrometry Reviews			<a href="http://dx.doi.org/10.1002/mas.20335">http://dx.doi.org/10.1002/mas.20335</a>



Non-targeted assessment	Kim HK,Choi YH,Verpoorte R	2011	NMR-based plant metabolomics: where do we stand, where do we go?	Trends in Biotechnology	29	267-275	<a href="http://dx.doi.org/10.1016/j.tibtech.2011.02.001">http://dx.doi.org/10.1016/j.tibtech.2011.02.001</a>
Non-targeted assessment	Kusano M,Redestig H,Hirai T,Oikawa A,Matsuda F,Fukushima A,Arita M,Watanabe S,Yano M,Hiwasa-Tanase K,Ezura H,Saito K	2011	Covering Chemical Diversity of Genetically-Modified Tomatoes Using Metabolomics for Objective Substantial Equivalence Assessment	PLOS ONE	6		<a href="http://dx.doi.org/10.1371/journal.pone.0016989">http://dx.doi.org/10.1371/journal.pone.0016989</a>
Non-targeted assessment	Llorente B,Alonso GD,Bravo - Almonacid F,Rodríguez V,López MG,Carrari F,Torres HN,Flawiá MM	2011	Safety assessment of nonbrowning potatoes: opening the discussion about the relevance of substantial equivalence on next generation biotech crops	Plant Biotechnology Journal	9	136-150	<a href="http://dx.doi.org/10.1111/j.1467-7652.2010.00534.x">http://dx.doi.org/10.1111/j.1467-7652.2010.00534.x</a>
Non-targeted assessment	Malet-Martino M,Holzgrabe U	2011	NMR techniques in biomedical and pharmaceutical analysis	Journal of Pharmaceutical and Biomedical Analysis	55	Jan-15	<a href="http://dx.doi.org/10.1016/j.jpba.2010.12.023">http://dx.doi.org/10.1016/j.jpba.2010.12.023</a>
Non-targeted assessment	Montero M,Coll A,Nadal A,Messeguer J,Pla M	2011	Only half the transcriptomic differences between resistant genetically modified and conventional rice are associated with the transgene	Plant Biotechnology Journal	9	693-702	<a href="http://dx.doi.org/10.1111/j.1467-7652.2010.00572.x">http://dx.doi.org/10.1111/j.1467-7652.2010.00572.x</a>
Non-targeted assessment	Picone G,Mezzetti B,Babini E,Capocasa F,Placucci G,Capozzi F	2011	Unsupervised Principal Component Analysis of NMR Metabolic Profiles for the Assessment of Substantial Equivalence of Transgenic Grapes ( <i>Vitis vinifera</i> )	J. Agric. Food Chem.	59	9271-9279	<a href="http://dx.doi.org/10.1021/jf2020717">http://dx.doi.org/10.1021/jf2020717</a>
Non-targeted assessment	Ritroch AE,Bergé JB,Kuntz M	2011	Evaluation of Genetically Engineered Crops Using Transcriptomic, Proteomic, and Metabolomic Profiling Techniques	Plant Physiology	155	1752-1761	<a href="http://dx.doi.org/10.1104/pp.111.173609">http://dx.doi.org/10.1104/pp.111.173609</a>
Non-targeted assessment	Robinson AB,Robinson NE	2011	Origins of Metabolic Profiling	Metabolic Profiling	708	Jan-23	
Non-targeted assessment	Barbosa HS,Arruda SCC,Azevedo RA,Arruda MAZ	2012	New insights on proteomics of transgenic soybean seeds: evaluation of differential expressions of enzymes and proteins	Analytical and Bioanalytical Chemistry	402	299-314	<a href="http://dx.doi.org/10.1007/s00216-011-5409-1">http://dx.doi.org/10.1007/s00216-011-5409-1</a>
Non-targeted assessment	Chang Y,Zhao C,Zhu Z,Wu Z,Zhou J,Zhao Y,Lu X,Xu G	2012	Metabolic profiling based on LC/MS to evaluate unintended effects of transgenic rice with cry1Ac and sck genes	Plant molecular biology	78	477-487	<a href="http://dx.doi.org/10.1007/s11103-012-9876-3">http://dx.doi.org/10.1007/s11103-012-9876-3</a>
Non-targeted assessment	Frank T,Röhlig RM,Davies HV,Barros E,Engel K-H	2012	Metabolite profiling of maize kernels—genetic modification versus environmental influence	Journal of agricultural and food chemistry	60	3005-3012	<a href="http://dx.doi.org/10.1021/jf2041671">http://dx.doi.org/10.1021/jf2041671</a>
Non-targeted assessment	Gong CY,Li Q,Yu HT,Wang Z,Wang T	2012	Proteomics insight into the biological safety of transgenic modification of rice as compared with conventional genetic breeding and spontaneous genotypic variation	Journal of proteome research	11	3019-3029	<a href="http://dx.doi.org/10.1021/pr300148w">http://dx.doi.org/10.1021/pr300148w</a>
Non-targeted assessment	Liu Z,Zhao J,Li Y,Zhang W,Jian G,Peng Y,Qi F	2012	Non-uniform distribution pattern for differentially expressed genes of transgenic rice 'Huahui 1' at different developmental stages and environments	PLOS ONE	7		<a href="http://dx.doi.org/10.1371/journal.pone.0037078">http://dx.doi.org/10.1371/journal.pone.0037078</a>
Non-targeted assessment	Plischke A,Choi YH,Brakefield PM,Klinkhamer PGL,Bruinsma M	2012	Metabolomic plasticity in GM and non-GM potato leaves in response to aphid herbivory and virus infection	Journal of agricultural and food chemistry	60	1488-1493	<a href="http://dx.doi.org/10.1021/jf204864y">http://dx.doi.org/10.1021/jf204864y</a>
Non-targeted assessment	Wu J,Yu H,Dai H,Mei W,Huang X,Zhu S,Peng M	2012	Metabolite profiles of rice cultivars containing bacterial blight-resistant genes are distinctive from susceptible rice	Acta biochimica et biophysica Sinica	44	650-659	<a href="http://dx.doi.org/10.1093/abbs/gms043">http://dx.doi.org/10.1093/abbs/gms043</a>
Equivalence	Esposito F,Fogliano V,Cardi T,Carpato D,Filippone E	2002	Glycoalkaloid Content and Chemical Composition of Potatoes Improved with Nonconventional Breeding Approaches	J. Agric. Food Chem.	50	1553-1561	<a href="http://dx.doi.org/10.1021/jf010520t">http://dx.doi.org/10.1021/jf010520t</a>
Equivalence	Kuiper HA,Kleier GA,Notenborn HPJM,Kok EJ	2002	Substantial equivalence—an appropriate paradigm for the safety assessment of genetically modified foods?	Toxicology	181-182	427-431	<a href="http://dx.doi.org/10.1016/s0300-483x(02)00488-2">http://dx.doi.org/10.1016/s0300-483x(02)00488-2</a>

Equivalence	Ridley WP, Sidhu RS, Pyla PD, Nemeth MA, Breeze ML, Astwood JD	2002	Comparison of the Nutritional Profile of Glyphosate-Tolerant Corn Event NK603 with That of Conventional Corn (Zea mays L.)	J. Agric. Food Chem.	50	7235-7243	<a href="http://dx.doi.org/10.1021/jf0205662">http://dx.doi.org/10.1021/jf0205662</a>
Equivalence	Kok EJ, Kuiper HA	2003	Comparative safety assessment for biotech crops	Trends in Biotechnology	21	439-444	<a href="http://dx.doi.org/10.1016/j.tibtech.2003.08.003">http://dx.doi.org/10.1016/j.tibtech.2003.08.003</a>
Equivalence	George C, Ridley WP, Obert JC, Nemeth MA, Breeze ML, Astwood JD	2004	Composition of Grain and Forage from Corn Rootworm-Protected Corn Event MON 863 Is Equivalent to That of Conventional Corn (Zea mays L.)	J. Agric. Food Chem.	52	4149-4158	<a href="http://dx.doi.org/10.1021/jf035023m">http://dx.doi.org/10.1021/jf035023m</a>
Equivalence	Hamilton KA, Pyla PD, Breeze M, Olson T, Li M, Robinson E, Gallagher SF, Sorbet R, Chen Y	2004	Bolgard II Cotton: Compositional Analysis and Feeding Studies of Cottonseed from Insect-Protected Cotton (Gossypium hirsutum L.) Producing the CryIAC and Cry2Ab2 Proteins	J. Agric. Food Chem.	52	6969-6976	<a href="http://dx.doi.org/10.1021/jf030727h">http://dx.doi.org/10.1021/jf030727h</a>
Equivalence	Herman RA, Phillips AM, Collins RA, Tagliani LA, Claussen FA, Graham CD, Bickers BL, Harris TA, Prochaska LM	2004	Compositional Equivalency of Cry1F Corn Event TC6275 and Conventional Corn (Zea mays L.)	J. Agric. Food Chem.	52	2726-2734	<a href="http://dx.doi.org/10.1021/jf049969n">http://dx.doi.org/10.1021/jf049969n</a>
Equivalence	Obert JC, Ridley WP, Schneider RW, Riordan SG, Nemeth MA, Trujillo WA, Breeze ML, Sorbet R, Astwood JD	2004	The Composition of Grain and Forage from Glyphosate Tolerant Wheat MON 71800 Is Equivalent to That of Conventional Wheat (Triticum aestivum L.)	J. Agric. Food Chem.	52	1375-1384	<a href="http://dx.doi.org/10.1021/jf035218u">http://dx.doi.org/10.1021/jf035218u</a>
Equivalence	Kelly L	2005	The safety assessment of foods from transgenic and cloned animals using the comparative approach	Revue Scientifique Et Technique (International Office of Epizootics)	24	61-74	
Equivalence	McCann MC, Liu K, Trujillo WA, Dobert RC	2005	Glyphosate-Tolerant Soybeans Remain Compositionally Equivalent to Conventional Soybeans (Glycine max L.) during Three Years of Field Testing	J. Agric. Food Chem.	53	5331-5335	<a href="http://dx.doi.org/10.1021/jf0504317">http://dx.doi.org/10.1021/jf0504317</a>
Equivalence	Oberdoerfer RB, Shillito RD, de Beuckeleer M, Mitten DH	2005	Rice (Oryza sativa L.) Containing the bar Gene Is Compositionally Equivalent to the Nontransgenic Counterpart	J. Agric. Food Chem.	53	1457-1465	<a href="http://dx.doi.org/10.1021/jf0486500">http://dx.doi.org/10.1021/jf0486500</a>
Equivalence	Baker JM, Hawkins ND, Ward JL, Lovegrove A, Napier JA, Shewry PR, Beale MH	2006	A metabolomic study of substantial equivalence of field - grown genetically modified wheat	Plant Biotechnology Journal	4	381-392	<a href="http://dx.doi.org/10.1111/j.1467-7652.2006.00197.x">http://dx.doi.org/10.1111/j.1467-7652.2006.00197.x</a>
Equivalence	Colquhoun IJ, Le Gall G, Elliott KA, Mellon FA, Michael AJ	2006	Shall I compare thee to a GM potato? Statistical analysis used in the nutritional assessment of novel food using the proof of safety	Trends in Genetics	22	525-528	<a href="http://dx.doi.org/10.1016/j.tig.2006.08.002">http://dx.doi.org/10.1016/j.tig.2006.08.002</a>
Equivalence	Hofhorn LA, Oberdoerfer R	2006	Glyphosate-Tolerant Alfalfa Is Compositionally Equivalent to Conventional Alfalfa (Medicago sativa L.)	Regulatory Toxicology and Pharmacology	44	125-135	<a href="http://dx.doi.org/10.1016/j.yrtph.2005.10.001">http://dx.doi.org/10.1016/j.yrtph.2005.10.001</a>
Equivalence	McCann MC, Rogan GJ, Fitzpatrick S, Trujillo WA, Sorbet R, Hartnell GF, Riordan SG, Nemeth MA	2006	An Introduction to the Food/Feed Safety Consensus Documents of the Task Force. Series on the Safety of Novel Foods and Feeds, No. 14	J. Agric. Food Chem.	54	7187-7192	<a href="http://dx.doi.org/10.1021/jf061482m">http://dx.doi.org/10.1021/jf061482m</a>
Equivalence	Oecd	2006	Absence of Effect after Introducing Bacillus thuringiensis Gene on Nutritional Composition in Cottonseed	Journal of Food Science	71	S38-S41	<a href="http://dx.doi.org/10.1111/j.1365-2621.2006.tb12403.x">http://dx.doi.org/10.1111/j.1365-2621.2006.tb12403.x</a>
Equivalence	Harrigan GG, Ridley WP, Riordan SG, Nemeth MA, Sorbet R, Trujillo WA, Breeze ML, Schneider RW	2007	Chemical Composition of Glyphosate-Tolerant Soybean 40-32 Grown in Europe Remains Equivalent with That of Conventional Soybean (Glycine max L.)	J. Agric. Food Chem.	55	6160-6168	<a href="http://dx.doi.org/10.1021/jf0704920">http://dx.doi.org/10.1021/jf0704920</a>
Equivalence	Herman RA, Storer NP, Phillips AM, Prochaska LM, Windels P	2007	Compositional assessment of event DAS-59122-7 maize using substantial equivalence	Regulatory Toxicology and Pharmacology	47	37-47	<a href="http://dx.doi.org/10.1016/j.yrtph.2006.08.007">http://dx.doi.org/10.1016/j.yrtph.2006.08.007</a>

Equivalence	McCann MC, Trujillo WA, Riordan SG, Sorbet R, Bogdanova NN, Sidhu RS	2007	Comparison of the Forage and Grain Composition from Insect-Protected and Glyphosate-Tolerant MON 88017 Corn to Conventional Corn (Zea mays L.)	J. Agric. Food Chem.	55	4034-4042	<a href="http://dx.doi.org/10.1021/jf063499a">http://dx.doi.org/10.1021/jf063499a</a>
Equivalence	Drury SM, Reynolds TL, Ridley WP, Bogdanova N, Riordan S, Nemeth MA, Sorbet R, Trujillo WA, Breeze ML	2008	Composition of Forage and Grain from Second-Generation Insect-Protected Corn MON 89034 Is Equivalent to That of Conventional Corn (Zea mays L.)	J. Agric. Food Chem.	56	4623-4630	<a href="http://dx.doi.org/10.1021/jf800011u">http://dx.doi.org/10.1021/jf800011u</a>
Equivalence	Glenn KC	2008	Nutritional and safety assessment of foods and feeds nutritionally improved through biotechnology—case studies by the International Food Biotechnology Committee of ILSI	Asia Pacific Journal of Clinical Nutrition	17 Suppl 1	229-232	
Equivalence	Kler LD, Petrick JS	2008	Safety assessment considerations for food and feed derived from plants with genetic modifications that modulate endogenous gene expression and pathways	Food and Chemical Toxicology	46	2591-2605	<a href="http://dx.doi.org/10.1016/j.fct.2008.05.025">http://dx.doi.org/10.1016/j.fct.2008.05.025</a>
Equivalence	Lundry DR, Ridley WP, Meyer JJ, Riordan SG, Nemeth MA, Trujillo WA, Breeze ML, Sorbet R	2008	Composition of Grain, Forage, and Processed Fractions from Second-Generation Glyphosate-Tolerant Soybean, MON 89788, Is Equivalent to That of Conventional Soybean (Glycine max L.)	J. Agric. Food Chem.	56	4611-4622	<a href="http://dx.doi.org/10.1021/jf073087h">http://dx.doi.org/10.1021/jf073087h</a>
Equivalence	Malowicki SMM, Martin R, Qian MC	2008	Comparison of Sugar, Acids, and Volatile Composition in Raspberry Bushy Dwarf Virus-Resistant Transgenic Raspberries and the Wild Type 'Meeker' (Rubus idaeus L.)	J. Agric. Food Chem.	56	6648-6655	<a href="http://dx.doi.org/10.1021/jf800253e">http://dx.doi.org/10.1021/jf800253e</a>
Equivalence	Veneria E, Fanasca S, Monasta G, Finotti E, Ambra R, Azzini E, Durazzo A, Foddai MS, Maiani G	2008	Assessment of the Nutritional Values of Genetically Modified Wheat, Corn, and Tomato Crops	J. Agric. Food Chem.	56	9206-9214	<a href="http://dx.doi.org/10.1021/jf8010992">http://dx.doi.org/10.1021/jf8010992</a>
Equivalence	Harrigan GG, Ridley WP, Miller KD, Sorbet R, Riordan SG, Nemeth MA, Reeves W, Pester TA	2009	The forage and grain of MON 87460, a drought-tolerant corn hybrid, are compositionally equivalent to that of conventional corn	Journal of agricultural and food chemistry	57	9754-9763	<a href="http://dx.doi.org/10.1021/jf9021515">http://dx.doi.org/10.1021/jf9021515</a>
Equivalence	Herman RA, Chassy BM, Parrott W	2009	Compositional assessment of transgenic crops: an idea whose time has passed	Trends in Biotechnology	27	555-557	<a href="http://dx.doi.org/10.1016/j.tibtech.2009.07.003">http://dx.doi.org/10.1016/j.tibtech.2009.07.003</a>
Equivalence	Berman KH, Harrigan GG, Riordan SG, Nemeth MA, Hanson C, Smith M, Sorbet R, Zhu E, Ridley WP	2010	Compositions of Forage and Seed from Second-Generation Glyphosate-Tolerant Soybean MON 89788 and Insect-Protected Soybean MON 87701 from Brazil Are Equivalent to Those of Conventional Soybean (Glycine max)	J. Agric. Food Chem.	58	6270-6276	<a href="http://dx.doi.org/10.1021/jf1003978">http://dx.doi.org/10.1021/jf1003978</a>
Equivalence	Harrigan GG, Glenn KC, Ridley WP	2010	Assessing the natural variability in crop composition	Regulatory toxicology and pharmacology: RTP	58	S13-20	<a href="http://dx.doi.org/10.1016/j.yrtph.2010.08.023">http://dx.doi.org/10.1016/j.yrtph.2010.08.023</a>
Equivalence	Harrigan GG, Lundry D, Drury S, Berman K, Riordan SG, Nemeth MA, Ridley WP, Glenn KC	2010	Natural variation in crop composition and the impact of transgenesis	Nat Biotech	28	402-404	<a href="http://dx.doi.org/10.1038/nbt0510-402">http://dx.doi.org/10.1038/nbt0510-402</a>
Equivalence	Herman RA, Phillips AM, Lepping MD, Fast BJ, Sabbatini J	2010	Compositional safety of event DAS-40278-9 (AAD-1) herbicide-tolerant maize	GM crops	1	294-311	<a href="http://dx.doi.org/10.4161/gmcr.1.5.14285">http://dx.doi.org/10.4161/gmcr.1.5.14285</a>
Equivalence	Khaif M, Goulet C, Vorster J, Brunelle F, Anguenot R, Fliss I, Michaud D	2010	Tubers from potato lines expressing a tomato Kunitz protease inhibitor are substantially equivalent to parental and transgenic controls	Plant Biotechnology Journal	8	155-169	<a href="http://dx.doi.org/10.1111/j.1467-7652.2009.00471.x">http://dx.doi.org/10.1111/j.1467-7652.2009.00471.x</a>
Equivalence	Zeller SL, Kalinina O, Brunner S, Keller B, Schmid B	2010	Transgene × Environment Interactions in Genetically Modified Wheat	PLoS ONE	5	e11405	<a href="http://dx.doi.org/10.1371/journal.pone.0011405">http://dx.doi.org/10.1371/journal.pone.0011405</a>
Equivalence	Zobole LHS, Oliveira RS, Visentainer JV, Kremer RJ, Bellaloui N, Yamada T	2010	Glyphosate Affects Seed Composition in Glyphosate-Resistant Soybean	Journal of agricultural and food chemistry	58	4517-4522	<a href="http://dx.doi.org/10.1021/jf904342t">http://dx.doi.org/10.1021/jf904342t</a>

Equivalence	Berman KH, Harrigan GG, Nemeth MA, Oliveira WS, Berger GU, Tagliaterra FS	2011	Compositional Equivalence of Insect-Protected Glyphosate-Tolerant Soybean MON 87701 x MON 89788 to Conventional Soybean Extends across Different World Regions and Multiple Growing Seasons	J. Agric. Food Chem.			<a href="http://dx.doi.org/10.1021/jf202782z">http://dx.doi.org/10.1021/jf202782z</a>
Equivalence	Harrison JM, Breeze ML, Harrigan GG	2011	Introduction to Bayesian statistical approaches to compositional analyses of transgenic crops	Regulatory Toxicology and Pharmacology	60	381-388	<a href="http://dx.doi.org/10.1016/j.yrtph.2011.05.006">http://dx.doi.org/10.1016/j.yrtph.2011.05.006</a>
Equivalence	Ridley WP, Harrigan GG, Breeze ML, Nemeth MA, Sidhu RS, Glenn KC	2011	1. Model validation and setting the stage	J. Agric. Food Chem.	59	5865-5876	<a href="http://dx.doi.org/10.1021/jf103874t">http://dx.doi.org/10.1021/jf103874t</a>
Equivalence	van der Voet H, Perry J, Anzal B, Paoletti C	2011	Evaluation of Compositional Equivalence for Multitrait Biotechnology Crops	BMC Biotechnology	11		
Equivalence	van der Voet H, Perry J, Anzal B, Paoletti C	2011	A statistical assessment of differences and equivalences between genetically modified and reference plant varieties	BMC Biotechnology	11		<a href="http://dx.doi.org/10.1186/1472-6750-11-15">http://dx.doi.org/10.1186/1472-6750-11-15</a>
Equivalence	Zhou J, Berman KH, Breeze ML, Nemeth MA, Oliveira WS, Braga DPV, Berger GU, Harrigan GG	2011	A statistical assessment of differences and equivalences between genetically modified and reference plant varieties	BMC Biotechnology	11		
Equivalence	Zhou J, Berman KH, Breeze ML, Nemeth MA, Oliveira WS, Braga DPV, Berger GU, Harrigan GG	2011	Compositional variability in conventional and glyphosate-tolerant soybean (Glycine max L.) varieties grown in different regions in Brazil	Journal of agricultural and food chemistry	59	11652-11656	<a href="http://dx.doi.org/10.1021/jf202781v">http://dx.doi.org/10.1021/jf202781v</a>
Equivalence	Zhou J, Harrigan GG, Berman KH, Webb EG, Klusmeyer TH, Nemeth MA	2011	Stability in the Composition Equivalence of Grain from Insect-Protected Maize and Seed from Glyphosate-Tolerant Soybean to Conventional Counterparts over Multiple Seasons, Locations, and Breeding Germplasms	J. Agric. Food Chem.	59	8822-8828	<a href="http://dx.doi.org/10.1021/jf2019038">http://dx.doi.org/10.1021/jf2019038</a>
Equivalence	Beckles DM, Tananuwong K, Shoemaker CF	2012	Starch characteristics of transgenic wheat (Triticum aestivum L.) overexpressing the Dx5 high molecular weight glutenin subunit are substantially equivalent to those in nonmodified wheat	Journal of food science	77	C437-442	<a href="http://dx.doi.org/10.1111/j.1750-3841.2012.02648.x">http://dx.doi.org/10.1111/j.1750-3841.2012.02648.x</a>
Equivalence	Harrigan GG, Harrison JM	2012	Assessing compositional variability through graphical analysis and Bayesian statistical approaches: case studies on transgenic crops	Biotechnology & genetic engineering reviews	28	15-32	
Equivalence	Qin F, Kang L, Guo L, Lin J, Song J, Zhao Y	2012	Composition of transgenic soybean seeds with higher γ-linolenic acid content is equivalent to that of conventional control	Journal of agricultural and food chemistry	60	2200-2204	<a href="http://dx.doi.org/10.1021/jf204336a">http://dx.doi.org/10.1021/jf204336a</a>
Equivalence	Ward KJ, Nemeth MA, Brownie C, Hong B, Herman RA, Oberdoerfer R	2012	Comments on the paper "A statistical assessment of differences and equivalences between genetically modified and reference plant varieties" by van der Voet et al. 2011	BMC Biotechnology	12		<a href="http://dx.doi.org/10.1186/1472-6750-12-13">http://dx.doi.org/10.1186/1472-6750-12-13</a>
Consumption	Andrew C	2002	Assuring the safety of genetically modified (GM) foods: the importance of an holistic, integrative approach	Journal of Biotechnology		9879-106	<a href="http://dx.doi.org/10.1016/s0168-1656(02)00088-3">http://dx.doi.org/10.1016/s0168-1656(02)00088-3</a>
Consumption	Bucchini L, Goldman LR	2002	Starlink corn: a risk analysis	Environmental Health Perspectives	110	13-May	
Consumption	Chambers PA, Duggan PS, Heritage J, Forbes JM	2002	The fate of antibiotic resistance marker genes in transgenic plant feed material fed to chickens	Journal of Antimicrobial Chemotherapy	49	161-164	<a href="http://dx.doi.org/10.1093/jac/49.1.161">http://dx.doi.org/10.1093/jac/49.1.161</a>
Consumption	Chassy BM	2002	Food Safety Evaluation of Crops Produced through Biotechnology	Journal of the American College of Nutrition	21	166S-173S	
Consumption	Cromwell GL, Lindemann MD, Randolph JH, Parker GR, Coffey RD, Laurent KM, Armstrong CL, Mikel WB, Stanisiewski EP, Hartnell GF	2002	Soybean meal from roundup ready or conventional soybeans in diets for growing-finishing swine	Journal of Animal Science	80	708-715	

Consumption	Folmer JD, Grant RJ, Milton CT, Beck J	2002	Utilization of Bt corn residues by grazing beef steers and Bt corn silage and grain by growing beef cattle and lactating dairy cows	Journal of Animal Science	80	1352-1361	
Consumption	Harlander SK	2002	Safety Assessments and Public Concern for Genetically Modified Food Products: The American View	Toxicologic Pathology	30	132-134	<a href="http://dx.doi.org/10.1080/01926230252824833">http://dx.doi.org/10.1080/01926230252824833</a>
Consumption	Hefle SL, Taylor SL	2002	How much food is too much? Threshold doses for allergenic foods	Current: Allergy and Asthma Reports	2	63-66	
Consumption	Helm RM	2002	Biotechnology and food allergy	Current: Allergy and Asthma Reports	2	55-62	
Consumption	Heritage J	2002	Degradation of Transgenic DNA from Genetically Modified Soybean and Maize in Human Intestinal Simulations	British Journal of Nutrition	87	529-531	<a href="http://dx.doi.org/10.1079/bjn2002596">http://dx.doi.org/10.1079/bjn2002596</a>
Consumption	Hino A	2002	Safety Assessment and Public Concerns for Genetically Modified Food Products: The Japanese Experience	Toxicologic Pathology	30	126-128	<a href="http://dx.doi.org/10.1080/01926230252824815">http://dx.doi.org/10.1080/01926230252824815</a>
Consumption	Kharazmi M, Hammes WP, Hertel C	2002	Construction of a Marker Rescue System in <i>Bacillus subtilis</i> for Detection of Horizontal Gene Transfer in Food	Systematic and Applied Microbiology	25	471-477	<a href="http://dx.doi.org/10.1078/07232020260517580">http://dx.doi.org/10.1078/07232020260517580</a>
Consumption	Kimber J, Dearman RJ	2002	Approaches to Assessment of the Allergenic Potential of Novel Proteins in Food from Genetically Modified Crops	Toxicological Sciences	68		<a href="http://dx.doi.org/10.1093/toxsci/68.1.4">http://dx.doi.org/10.1093/toxsci/68.1.4</a>
Consumption	Malatesta M, Caporaloni C, Gavaudan S, Rocchi MBL, Serafini S, Tiberi C, Gazzanelli G	2002	Ultrastructural morphometrical and immunocytochemical analyses of hepatocyte nuclei from mice fed on genetically modified soybean	Cell structure and function	27	173-180	
Consumption	Malatesta M, Caporaloni C, Rossi L, Battistelli S, Rocchi MBL, Tonucci F, Gazzanelli G	2002	Ultrastructural analysis of pancreatic acinar cells from mice fed on genetically modified soybean	Journal of anatomy	201	409-415	
Consumption	Martin-Ortue SM, O'Donnell AG, Arifo	2002	Degradation of Transgenic DNA from Genetically Modified Soya and Maize in Human Intestinal Simulations	British Journal of Nutrition	87	533-542	<a href="http://dx.doi.org/10.1079/bjn2002573">http://dx.doi.org/10.1079/bjn2002573</a>
Consumption	Moseley BEB	2002	Safety Assessment and Public Concern for Genetically Modified Food Products: The European View	Toxicologic Pathology	30	129-131	<a href="http://dx.doi.org/10.1080/01926230252824824">http://dx.doi.org/10.1080/01926230252824824</a>
Consumption	Murai A, Kobayashi T, Okada T, Okumura J	2002	Improvement of growth and nutritive value in chicks with non-genetically modified phytase product from <i>Aspergillus niger</i>	British Poultry Science	43	687-695	<a href="http://dx.doi.org/10.1080/0007166021000025046">http://dx.doi.org/10.1080/0007166021000025046</a>
Consumption	Nair RS, Fuchs RL, Schuette SA	2002	Current Methods for Assessing Safety of Genetically Modified Crops as Exemplified by Data on Roundup Ready 1 Soybeans	Toxicologic Pathology	30	117-125	
Consumption	Okunuki H, Teshima R, Shigeta T, Sakushima J-I, Akiyama H, Goda Y, Toyoda M, Sawada J-I	2002	Increased digestibility of two products in genetically modified food (CP4-EPSPS and Cry1Ab) after preheating	Shokuhin eiseigaku zasshi. Journal of the Food Hygienic Society of Japan	43	68-73	
Consumption	Pastorello EA, Praveittoni V, Calamari AM, Banfi E, Robino AM	2002	New plant-origin food allergens	Allergy	57 Suppl	106-110	
Consumption	Poulsen LK	2002	Prediction of allergenicity of gene-modified foods by serum-based testing	Annals of the New York Academy of Sciences	964	185-196	
Consumption	Privalle LS	2002	Phosphomannose isomerase, a novel plant selection system: potential allergenicity assessment	Annals of the New York Academy of Sciences	964	129-138	
Consumption	Reuter T, Aulrich K, Berk A, Flachowsky G	2002	Investigations on genetically modified maize (Bt-maize) in pig nutrition: chemical composition and nutritional evaluation	Archiv für Tierernährung	56	23-31	
Consumption	Taylor SL	2002	Protein allergenicity assessment of foods produced through agricultural biotechnology	Annual review of pharmacology and toxicology	42	99-112	<a href="http://dx.doi.org/10.1146/annurev.pharmtox.42.082401.130208">http://dx.doi.org/10.1146/annurev.pharmtox.42.082401.130208</a>
Consumption	Taylor SL, Hefle SL	2002	Genetically engineered foods: implications for food allergy	Current Opinion in Allergy and Clinical Immunology	2	249-252	

Consumption	Taylor SL, Hefle SL, Bindsvlev-Jensen C, Bock SA, Burks AW, Jr, Christie L, Hill DJ, Host A, Hourihane J, Job, Lack G, Metcalfe DD, Moneret-Vautrin DA, Vadas PA, Rance F, Skrypec DJ, Trautman TA, Yman IM, Zeiger RS	2002	Factors affecting the determination of threshold doses for allergenic foods: how much is too much?	The Journal of allergy and clinical immunology	109	24-30	<a href="http://dx.doi.org/10.1002/jafa.1105">http://dx.doi.org/10.1002/jafa.1105</a>
Consumption	Teshima R, Watanabe T, Okunuki H, Iizugawa K, Akiyama H, Onodera H, Imai T, Toyoda M, Sawada J-I	2002	Effect of subchronic feeding of genetically modified corn (CBH351) on immune system in BN rats and B10A mice	Shokuhin eiseigaku zasshi. Journal of Food Hygienic Society of Japan	43	273-279	
Consumption	Wang Z-h, Wang Y, Cui H-r, Xia Y-w, Altosaar I, Shu Q-y	2002	Toxicological evaluation of transgenic rice flour with a synthetic cry1Ab gene from <i>Bacillus thuringiensis</i>	Journal of the Science of Food and Agriculture	82	738-744	
Consumption	Warner JO	2002	Genetically modified food and the pediatric allergist	Pediatric allergy and immunology: official publication of the European Society of Pediatric Allergy and Immunology	13	73-74	
Consumption	Zorzet A, Gustafsson M, Hammerling U	2002	Prediction of food protein allergenicity: a bioinformatic learning systems approach	In silico biology	2	525-534	
Consumption	Bakshi A	2003	Potential Adverse Health Effects of Genetically Modified Crops	Journal of Toxicology and Environmental Health, Part B	6	211-226	<a href="http://dx.doi.org/10.1080/109374003006469">http://dx.doi.org/10.1080/109374003006469</a>
Consumption	Bernstein JA, Bernstein IL, Bucchini L, Goldman LR, Hamilton RG, Lehrer S, Rubin C, Sampson HA	2003	Clinical and laboratory investigation of allergy to genetically modified foods	Environmental Health Perspectives	111	1114-1121	
Consumption	Brake J, Faust MA, Stein J	2003	Evaluation of transgenic event Bt11 hybrid corn in broiler chickens	Poultry Science	82	551-559	
Consumption	Chang HS, Kim NH, Park MJ, Lim SK, Kim SC, Kim JY, Kim JA, Oh HY, Lee CH, Huh K, Jeong TC, Nam DH	2003	The 5-enolpyruvylshikimate-3-phosphate synthase of glyphosate-tolerant soybean expressed in <i>Escherichia coli</i> shows no severe allergenicity	Molecules and cells	15	20-26	
Consumption	Chen Z-L, Gu H-L, Li Y, Su Y, Wu P, Jiang Z, Ming X, Tian J, Pan N, Qu L-J	2003	Safety assessment for genetically modified sweet pepper and tomato	Toxicology	188	297-307	<a href="http://dx.doi.org/10.1016/s0300-483x(03)00111-2">http://dx.doi.org/10.1016/s0300-483x(03)00111-2</a>
Consumption	Chowdhury EH, Kuribara H, Hino A, Sultana P, Mikami O, Shimada N, Guruge KS, Saito M, Nakajima Y	2003	Detection of corn intrinsic and recombinant DNA fragments and Cry1Ab protein in the gastrointestinal contents of pigs fed genetically modified corn Bt11	Journal of Animal Science	81	2546-2551	
Consumption	Chowdhury EH, Mikami O, Nakajima Y, Hino A, Kuribara H, Suga K, Hanazumi M, Yomemochi C	2003	Detection of genetically modified maize DNA fragments in the intestinal contents of pigs fed StarLink CBH351	Veterinary and Human Toxicology	45	95-96	
Consumption	Donkin SS, Velez JC, Totten AK, Stanisiewski EP, Hartnell GF	2003	Effects of Feeding Silage and Grain from Glyphosate-Tolerant or Insect-Protected Corn Hybrids on Feed Intake, Ruminant Digestion, and Milk Production in Dairy Cattle	Journal of Dairy Science	86	1780-1788	<a href="http://dx.doi.org/10.3168/jds.S0022-0302(03)73763-1">http://dx.doi.org/10.3168/jds.S0022-0302(03)73763-1</a>
Consumption	Duggan PS, Chambers PA, Heritage J, Forbes JM	2003	Fate of Genetically Modified Maize DNA in the Oral Cavity and Rumen of Sheep	British Journal of Nutrition	89	159-166	<a href="http://dx.doi.org/10.1079/bjn2002764">http://dx.doi.org/10.1079/bjn2002764</a>
Consumption	Forsman A, Ushameckis D, Bindra A, Yun Z, Blomberg J	2003	Uptake of amplifiable fragments of retrotransposon DNA from the human alimentary tract	Molecular Genetics and Genomics	270	362-368	<a href="http://dx.doi.org/10.1007/s00438-003-0930-3">http://dx.doi.org/10.1007/s00438-003-0930-3</a>
Consumption	Germolec DR, Kimber I, Goldman L, Selgrade M	2003	Key issues for the assessment of the allergenic potential of genetically modified foods: breakout group reports	Environmental Health Perspectives	111	1131-1139	
Consumption	Grant RJ, Fanning KC, Kleinschmit D, Stanisiewski EP, Hartnell GF	2003	Influence of Glyphosate-Tolerant (event nk603) and Corn Rootworm Protected (event MON863) Corn Silage and Grain on Feed Consumption and Milk Production in Holstein Cattle	Journal of Dairy Science	86	1707-1715	<a href="http://dx.doi.org/10.3168/jds.S0022-0302(03)73756-4">http://dx.doi.org/10.3168/jds.S0022-0302(03)73756-4</a>
Consumption	Helm RM	2003	Food biotechnology: is this good or bad? Implications to allergic diseases	Annals of Allergy, Asthma & Immunology: Official Publication of the American College of Allergy, Asthma, & Immunology	90	90-98	

Consumption	Herman EM	2003	Genetically modified soybeans and food allergies	Journal of Experimental Botany	54	1317-1319	<a href="http://dx.doi.org/10.1093/jxb/erg164">http://dx.doi.org/10.1093/jxb/erg164</a>
Consumption	Herman EM, Helm RM, Jung R, Kinney AJ	2003	Genetic modification removes an immunodominant allergen from soybean	Plant Physiology	132	36-43	<a href="http://dx.doi.org/10.1104/pp.103.021865">http://dx.doi.org/10.1104/pp.103.021865</a>
Consumption	Ipharraguerre IR, Younker RS, Clark JH, Stanisiewski EP, Hartnell GF	2003	Performance of Lactating Dairy Cows Fed Corn as Whole Plant Silage and Grain Produced from a Glyphosate-Tolerant Hybrid (event NK603)	Journal of Dairy Science	86	1734-1741	<a href="http://dx.doi.org/10.3168/jds.S0022-0302(03)73759-X">http://dx.doi.org/10.3168/jds.S0022-0302(03)73759-X</a>
Consumption	Jank B, Hasberger AG	2003	Improved evaluation of potential allergens in GM food	Trends in Biotechnology	21	249-250	<a href="http://dx.doi.org/10.1016/s0167-7799(03)00090-8">http://dx.doi.org/10.1016/s0167-7799(03)00090-8</a>
Consumption	Jennings JC, Albee LD, Koiwyck DC, Surber JB, Taylor ML, Hartnell GF, Lirette RP, Glenn KC	2003	Attempts to detect transgenic and endogenous plant DNA and transgenic protein in muscle from broilers fed YieldGard Corn Borer Corn	Poultry Science	82	371-380	
Consumption	Jennings JC, Koiwyck DC, Kays SB, Whetsell AJ, Surber JB, Cromwell GL, Lirette RP, Glenn KC	2003	Determining whether transgenic and endogenous plant DNA and transgenic protein are detectable in muscle from swine fed Roundup Ready soybean meal	Journal of Animal Science	81	1447-1455	
Consumption	Kharazmi M, Sczesny S, Blaut M, Hammes WP, Herfel C	2003	Marker rescue studies of the transfer of recombinant DNA to <i>Streptococcus gordonii</i> in vitro, in foods and gnotobiotic rats	Applied and Environmental Microbiology	69	6121-6127	
Consumption	Ladics GS, Holsapple MP, Astwood JD, Kimber I, Knippels LMJ, Helm RM, Dong W	2003	Workshop Overview: Approaches to the Assessment of the Allergenic Potential of Food from Genetically Modified Crops	Toxicological Sciences	73	16-Aug	<a href="http://dx.doi.org/10.1093/toxsci/kfg055">http://dx.doi.org/10.1093/toxsci/kfg055</a>
Consumption	Maitesta M, Biggogera M, Manuelli E, Rocchi MBL, Baidelli B, Gazzanelli G	2003	Fine structural analyses of pancreatic acinar cell nuclei from mice fed on genetically modified soybean	European journal of histochemistry: EJH	47	385-388	
Consumption	Metcalfe DD	2003	Introduction: what are the issues in addressing the allergenic potential of genetically modified foods?	Environmental Health Perspectives	111	1110-1113	
Consumption	Phyme IF, Lembocke R	2003	In vivo studies on possible health consequences of genetically modified food and feed—with particular regard to ingredients consisting of genetically modified plant materials	Nutrition and Health	17	08-Jan	
Consumption	Pusztai A, Bardocz S, Ewen SWB	2003	Genetically modified foods: potential human health effects	Food safet: contaminants and Toxins		347-372	
Consumption	Raybourne RB, Williams KM, Vogt R, Reissman DB, Winterton BS, Rubin C	2003	Development and Use of an ELISA Test to Detect IgE Antibody to Cry9c following Possible Exposure to Bioengineered Corn	International Archives of Allergy and Immunology	132	322-328	<a href="http://dx.doi.org/10.1159/000074899">http://dx.doi.org/10.1159/000074899</a>
Consumption	Society of t	2003	The Safety of Genetically Modified Foods Produced through Biotechnology	Toxicological Sciences	71	08-Feb	<a href="http://dx.doi.org/10.1093/toxsci/71.1.2">http://dx.doi.org/10.1093/toxsci/71.1.2</a>
Consumption	Taylor SL	2003	Comparison of broiler performance when fed diets containing grain from YieldGard Rootworm (MON863), YieldGard Plus (MON810 x MON863), nontransgenic control, or commercial reference corn hybrids	Poultry Science	82	1948-1956	
Consumption	Taylor SL	2003	Safety Assessment of Foods Produced Through Agricultural Biotechnology	Nutrition Reviews	61	S135-S140	<a href="http://dx.doi.org/10.1301/nr.2003.jun.S135-S140">http://dx.doi.org/10.1301/nr.2003.jun.S135-S140</a>
Consumption	Tony MA, Butschke A, Broll H, Grohmann L, Zagon J, Halle I, Dámícke S, Schauzu M, Hafez HM, Flachowsky G	2003	Safety assessment of Bt 176 maize in broiler nutrition: degradation of maize-DNA and its metabolic fate	Archives of Animal Nutrition	57	235-252	
Consumption	Tryphonas H, Arvanitakis G, Vavasour E, Bondy G	2003	Animal models to detect allergenicity to foods and genetically modified products: workshop summary	Environmental Health Perspectives	111	221-222	

Consumption	Alexander TW, Sharma R, Deng MY, Whetsell A J, Jennings JC, Wang Y, Okine E, Damgaard D, McAllister TA	2004	Use of quantitative real-time and conventional PCR to assess the stability of the cp4 epsps transgene from Roundup Ready® canola in the intestinal, ruminal, and fecal contents of sheep	Journal of Biotechnology	112	255-266	<a href="http://dx.doi.org/10.1016/j.jbiotec.2004.04.026">http://dx.doi.org/10.1016/j.jbiotec.2004.04.026</a>
Consumption	Brake DG, Evenson DP	2004	A generational study of glyphosate-tolerant soybeans on mouse foetal, postnatal, pubertal and adult testicular development	Food and Chemical Toxicology	42	29-36	<a href="http://dx.doi.org/10.1016/j.fct.2003.08.003">http://dx.doi.org/10.1016/j.fct.2003.08.003</a>
Consumption	Castillo AR, Gallardo MR, Maciel M, Giordano JM, Conti GA, Gaggiotti MC, Quaino O, Gianni C, Hartnell GF	2004	Effects of Feeding Rations with Genetically Modified Whole Cottonseed to Lactating Holstein Cows	Journal of Dairy Science	87	1778-1785	<a href="http://dx.doi.org/10.3168/jds.S0022-0302(04)73333-0">http://dx.doi.org/10.3168/jds.S0022-0302(04)73333-0</a>
Consumption	Chowdhury EH, Mikami O, Murata H, Sultana P, Shimada N, Yoshioka M, Guruge KS, Yamamoto S, Miyazaki S, Yamanaka N, Nakajima Y	2004	Fate of Maize Intrinsic and Recombinant Genes in Calves Fed Genetically Modified Maize Bt11	Journal of Food Protection	67	365-370	
Consumption	Ei Sanhoty R, Abd El - Rahman AA, Bögl KW	2004	Quality and safety evaluation of genetically modified potatoes Spunta with Cry V gene: Compositional analysis, determination of some toxins, antinutrients compounds and feeding study in rats	Food / Nahrung	48	13-18	<a href="http://dx.doi.org/10.1002/food.2003000310">http://dx.doi.org/10.1002/food.2003000310</a>
Consumption	Freese W, Schubert D	2004	Safety testing and regulation of genetically engineered foods	Biotechnology & genetic engineering reviews	21	299-324	
Consumption	Hammond B, Dudek R, Lemen J, Nemeth M	2004	Results of a 13 week safety assurance study with rats fed grain from glyphosate tolerant corn	Food and Chemical Toxicology	42	1003-1014	<a href="http://dx.doi.org/10.1016/j.fct.2004.02.013">http://dx.doi.org/10.1016/j.fct.2004.02.013</a>
Consumption	Lehrer SB	2004	Genetic modification of food allergens	Annals of Allergy, Asthma & Immunology: Official Publication of the American College of Allergy, Asthma, & Immunology	93	S19-25	
Consumption	Maleki SJ	2004	Food processing: effects on allergenicity	Current Opinion in Allergy and Clinical Immunology	4	241-245	
Consumption	Nemeth A, Wurz A, Artim L, Charlton S, Dana G, Glenn K, Hunst P, Jennings J, Shilito R, Song P	2004	Sensitive PCR Analysis of Animal Tissue Samples for Fragments of Endogenous and Transgenic Plant DNA	J. Agric. Food Chem.	52	6129-6135	<a href="http://dx.doi.org/10.1021/jf049567f">http://dx.doi.org/10.1021/jf049567f</a>
Consumption	Netherwood T, Martin-Orue SM, O'Donnell AG, Gockling S, Graham J, Mathers JC, Gilbert HJ	2004	Assessing the survival of transgenic plant DNA in the human gastrointestinal tract	Nature Biotechnology	22	204-209	<a href="http://dx.doi.org/10.1038/nbt934">http://dx.doi.org/10.1038/nbt934</a>
Consumption	Poulsen LK	2004	Allergy assessment of foods or ingredients derived from biotechnology, gene - modified organisms, or novel foods	Molecular Nutrition & Food Research	48	413-423	<a href="http://dx.doi.org/10.1002/mnfr.200400029">http://dx.doi.org/10.1002/mnfr.200400029</a>
Consumption	Roush WB, Tozer PR	2004	The power of tests for bioequivalence in feed experiments with poultry	Journal of Animal Science	82	E-110-118	
Consumption	Sharma R, Alexander TW, John SJ, Forster R, J, McAllister TA	2004	Relative Stability of Transgene DNA Fragments from GM Rapeseed in Mixed Ruminant Cultures	British Journal of Nutrition	91	673-681	<a href="http://dx.doi.org/10.1079/bjn20041100">http://dx.doi.org/10.1079/bjn20041100</a>
Consumption	Siruguri V, Sesikeran B, Bhat RV	2004	Starlink genetically modified corn and allergenicity in an individual	Journal of Allergy and Clinical Immunology	113	1003-1004; author reply 1004-1005	
Consumption	Sten E, Skov PS, Andersen SB, Torp AM, Olesen A, Bindlev - jensen U, Lars K B, Bindlev - jensen C	2004	A comparative study of the allergenic potency of wild - type and glyphosate - tolerant gene - modified soybean cultivars	APMIS	112	21-28	<a href="http://dx.doi.org/10.1111/j.1600-0463.2004.apm1120104.x">http://dx.doi.org/10.1111/j.1600-0463.2004.apm1120104.x</a>



Consumption	Swamy HVLN,Smith TK,MacDonald EJ	2004	Effects of feeding blends of grains naturally contaminated with Fusarium mycotoxins on brain regional neurochemistry of starter pigs and broiler chickens	Journal of Animal Science	82	2131-2139		
	van den Eede G,Aarts H,Buhk HJ,Corthier G,Flint HJ,Harries W,Jacobsen B,Midvedt T,van der Vossen J,von Wright A,Wackemagel W,Wilcks A	2004	The relevance of gene transfer to the safety of food and feed derived from genetically modified (GM) plants	Food Chem Toxicol	42	1127-56		
Consumption	Vecchio L,Cisterna B,Malatesta M,Martin TE,Biggliogera M	2004	Ultrastructural analysis of testes from mice fed on genetically modified soybean	European journal of histochemistry: EJH	48	448-454		
Consumption	Wilcks A,van Hoek AHAM,Joosten RG,Jacobsen BBL,Aarts HJM	2004	Persistence of DNA studied in different ex vivo and in vivo rat models simulating the human gut situation	Food and Chemical Toxicology	42	493-502		<a href="http://dx.doi.org/10.1016/j.fct.2003.10.013">http://dx.doi.org/10.1016/j.fct.2003.10.013</a>
Consumption	Zhu Y,Li D,Wang F,Yin J,Jin H	2004	Nutritional assessment and fate of DNA of soybean meal from roundup ready or conventional soybeans using rats	Archives of Animal Nutrition	58	295-310		<a href="http://dx.doi.org/10.1080/00039420412331273277">http://dx.doi.org/10.1080/00039420412331273277</a>
Consumption	Aeschbacher K,Messikommer R,Meile L,Wenk C	2005	Bt176 corn in poultry nutrition: physiological characteristics and fate of recombinant plant DNA in chickens	Poultry Science	84	385-394		
Consumption	Batista R,Nunes B,Carmo M,Cardoso C,José HS,de Almeida AB,Manique A,Bento L,Ricardo CP,Oliveira MM	2005	Lack of detectable allergenicity of transgenic maize and soya samples	Journal of Allergy and Clinical Immunology	116	403-410		<a href="http://dx.doi.org/10.1016/j.jaci.2005.04.014">http://dx.doi.org/10.1016/j.jaci.2005.04.014</a>
Consumption	Bertoni G,Marsan PA	2005	Safety Risks for Animals Fed Genetic Modified (GM) Plants	Veterinary Research Communications	29	13-18		<a href="http://dx.doi.org/10.1007/s11259-005-0004-6">http://dx.doi.org/10.1007/s11259-005-0004-6</a>
Consumption	Crevel R	2005	Industrial Dimensions of Food Allergy	Proceedings of the Nutrition Society	64	470-474		<a href="http://dx.doi.org/10.1079/pns2005454">http://dx.doi.org/10.1079/pns2005454</a>
Consumption	Cromwell GL,Henry BJ,Scott AL,Gerngross MF,Dusek DL,Fletcher DW	2005	Glufosinate herbicide-tolerant (LibertyLink) rice vs. conventional rice in diets for growing-finishing swine	Journal of Animal Science	83	1068-1074		
Consumption	Davies HV	2005	GM Organisms and the EU Regulatory Environment: Allergenicity as a Risk Component	Proceedings of the Nutrition Society	64	481-486		<a href="http://dx.doi.org/10.1079/pns2005462">http://dx.doi.org/10.1079/pns2005462</a>
Consumption	Deaville ER,Maddison BC	2005	Detection of transgenic and endogenous plant DNA fragments in the blood, tissues, and digesta of broilers	Journal of agricultural and food chemistry	53	10268-10275		<a href="http://dx.doi.org/10.1021/jf051652f">http://dx.doi.org/10.1021/jf051652f</a>
Consumption	Flachowsky G,Chesson A,Aulrich K	2005	Animal nutrition with feeds from genetically modified plants	Archives of Animal Nutrition	59	1-40		<a href="http://dx.doi.org/10.1080/17450390512331342368">http://dx.doi.org/10.1080/17450390512331342368</a>
Consumption	Flachowsky G,Halle I,Aulrich K	2005	Long term feeding of Bt-corn—a ten-generation study with quails	Archives of Animal Nutrition	59	449-451		<a href="http://dx.doi.org/10.1080/17450390500353549">http://dx.doi.org/10.1080/17450390500353549</a>
Consumption	Gay,PBaGSH	2005	Antibiotic resistance markers in genetically modified plants: a risk to human health?	The Lancet Infectious Diseases	5			
Consumption	Goodman RE,Hefle SL	2005	Gaining perspective on the allergenicity assessment of genetically modified food crops	Expert Review of Clinical Immunology	1	561-578		<a href="http://dx.doi.org/10.1586/1744666x.1.4.561">http://dx.doi.org/10.1586/1744666x.1.4.561</a>
Consumption	Goodman RE,Hefle SL,Taylor SL,van Ree R	2005	Assessing Genetically Modified Crops to Minimize the Risk of Increased Food Allergy: A Review	International Archives of Allergy and Immunology	137	153-166		<a href="http://dx.doi.org/10.1159/000086314">http://dx.doi.org/10.1159/000086314</a>
Consumption	Hartnell GF,Hvejlund T,Weisbjerg MR	2005	Nutrient digestibility in sheep fed diets containing Roundup Ready or conventional fodder beet, sugar beet, and beet pulp	Journal of Animal Science	83	400-407		
Consumption	Lehrer SB,Bannon GA	2005	Risks of allergic reactions to biotech proteins in foods: perception and reality	Allergy	60	559-564		<a href="http://dx.doi.org/10.1111/j.1398-9995.2005.00704.x">http://dx.doi.org/10.1111/j.1398-9995.2005.00704.x</a>
Consumption	Lutz B,Wiedemann S,Einspanier R,Mayer J,Albrecht C	2005	Degradation of Cry1Ab P protein from Genetically Modified Maize in the Bovine Gastrointestinal Tract	J. Agric. Food Chem.	53	1453-1456		<a href="http://dx.doi.org/10.1021/jf049222x">http://dx.doi.org/10.1021/jf049222x</a>

Consumption	Malatesta M, Tiberi C, Baidelli B, Battistelli S, Manuelli E, Biggoggera M	2005	Reversibility of hepatocyte nuclear modifications in mice fed on genetically modified soybean	European Journal of Histochemistry	49	237-242	
Consumption	Mazza R, Soave M, Morlacchini M, Piva G, Marocco A	2005	Assessing the Transfer of Genetically Modified DNA from Feed to Animal Tissues	Transgenic Research	14	775-784	<a href="http://dx.doi.org/10.1007/s11248-005-0009-5">http://dx.doi.org/10.1007/s11248-005-0009-5</a>
Consumption	Obermeyer G, Ferreira F	2005	Can we Predict or Avoid the Allergenic Potential of Genetically Modified Organisms?	International Archives of Allergy and Immunology	137	151-152	<a href="http://dx.doi.org/10.1159/000086313">http://dx.doi.org/10.1159/000086313</a>
Consumption	Petit L, Baraige F, Bertheau Y, Brunschwig P, Diolez A, Duham K, Duplan M-N, Fach P, Kobilinsky A, Lamart S, Schattner A, Martin P	2005	Detection of genetically modified corn (Bt176) in spiked cow blood samples by polymerase chain reaction and immunoassay methods	Journal of AOAC International	88	654-664	
Consumption	Phipps RH, Jones AK, Tingey AP, Abeyasekera S	2005	Tolerant Genetically Modified Variety on Milk Production and Absence of Transgenic DNA in Milk	Journal of Dairy Science	88	2870-2878	<a href="http://dx.doi.org/10.3168/jds.S0022-0302(05)72968-4">http://dx.doi.org/10.3168/jds.S0022-0302(05)72968-4</a>
Consumption	Pol KUV, Erickson GE, Robbins ND, Berger LL, Wilson CB, Klopfenstein TJ, Stanisiewski EP, Hartnell GF	2005	Effects of grazing residues or feeding corn from a corn rootworm-protected hybrid (MON 863) compared with reference hybrids on animal performance and carcass characteristics	Journal of Animal Science	83	2826-2834	
Consumption	Rossi F, Morlacchini M, Fusconi G, Petri A, Mazza R, Piva G	2005	Effect of Bt corn on broiler growth performance and fate of feed-derived DNA in the digestive tract	Poultry Science	84	1022-1030	
Consumption	Seok Rhee G, Hyun Cho D, Hyuck Won Y, Hyun Seok J, Sun Kim S, Jun Kwack S, Da Lee R, Yeong Chae S, Woo Kim J, Mu Lee B, Lea Park K, Sik Choi K	2005	Multigeneration Reproductive and Developmental Toxicity Study of bar Gene Inserted into Genetically Modified Potato on Rats	Journal of Toxicology and Environmental Health, Part A	68	2263-2276	<a href="http://dx.doi.org/10.1080/15287390500182446">http://dx.doi.org/10.1080/15287390500182446</a>
Consumption	Wolff JA, Budker V	2005	The Mechanism of Naked DNA Uptake and Expression	Advances in Genetics	Volume 54	20-Jan	
Consumption	Yum H-Y, Lee S-Y, Lee K-E, Sohn M-H, Kim K-E	2005	Genetically modified and wild soybeans: An immunologic comparison	Allergy and Asthma Proceedings	26	210-216	
Consumption	Alexander TW, Reuter T, Okine E, Sharma R, McAllister TA	2006	Conventional and real-time polymerase chain reaction assessment of the fate of transgenic DNA in sheep fed Roundup Ready® rapeseed meal	British Journal of Nutrition	96	997-1005	<a href="http://dx.doi.org/10.1017/bjpn20061935">http://dx.doi.org/10.1017/bjpn20061935</a>
Consumption	Baranowski A, Rosochacki S, Parada R, Jaszczak K, Zimmy J, Poloszynowicz J	2006	The effect of diet containing genetically modified triticale on growth and transgenic DNA fate in selected tissues of mice	Anim. Sci. Pap. Rep	24	129-142	
Consumption	Beagle JM, Appgar GA, Jones KL, Griswold KE, Radcliffe JS, Qiu X, Lightfoot DA, Iqbal MJ	2006	The digestive fate of Escherichia coli glutamate dehydrogenase deoxyribonucleic acid from transgenic corn in diets fed to weanling pigs	Journal of Animal Science	84	597-607	
Consumption	Chainark P, Satoh S, Hino T, Kiron V, Hirono J, Aoki T	2006	Availability of genetically modified soybean meal in rainbow trout <i>Oncorhynchus mykiss</i> diets	Fisheries Science	72	1072-1078	
Consumption	Gibson J	2006	Bioinformatics of Protein Allergenicity	Molecular Nutrition & Food Research	50	591-591	<a href="http://dx.doi.org/10.1002/mnfr.200690020">http://dx.doi.org/10.1002/mnfr.200690020</a>
Consumption	Gizzarelli F, Corinti S, Barletta B, Iacovacci P, Brunetto B, Butteroni C, Afferni C, Onori R, Miraglia M, Panzani G, Felice G, Tinghino R	2006	Evaluation of allergenicity of genetically modified soybean protein extract in a murine model of oral allergen - specific sensitization	Clinical & Experimental Allergy	36	238-248	<a href="http://dx.doi.org/10.1111/j.1365-2222.2005.02415.x">http://dx.doi.org/10.1111/j.1365-2222.2005.02415.x</a>
Consumption	Hammond B, Lemen J, Dudek R, Ward D, Jiang C, Nemeth M, Burns J	2006	Results of a 90-day safety assurance study with rats fed grain from corn rootworm-protected corn	Food and Chemical Toxicology	44	147-160	<a href="http://dx.doi.org/10.1016/j.fct.2005.06.008">http://dx.doi.org/10.1016/j.fct.2005.06.008</a>
Consumption	Hammond BG, Dudek R, Lemen JK, Nemeth MA	2006	Results of a 90-day safety assurance study with rats fed grain from corn borer-protected corn	Food and Chemical Toxicology	44	1092-1099	<a href="http://dx.doi.org/10.1016/j.fct.2006.01.003">http://dx.doi.org/10.1016/j.fct.2006.01.003</a>
Consumption	Herman RA, Storer NP, Gao Y	2006	Digestion Assays in Allergenicity Assessment of Transgenic Proteins	Environmental Health Perspectives	114	1154-1157	<a href="http://dx.doi.org/10.1289/ehp.8803">http://dx.doi.org/10.1289/ehp.8803</a>

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Consumption	Koch M, Strobel E, Tebbe CC, Heritage J, Breves G, Huber K	2006	Transgenic Maize in the Presence of Ampicillin Modifies the Metabolic Profile and Microbial Population Structure of Bovine Rumen Fluid in Vitro	British Journal of Nutrition	96	820-829	<a href="http://dx.doi.org/10.1017/bjn20061889">http://dx.doi.org/10.1017/bjn20061889</a>
Consumption	Lee LA, Burks AW	2006	Food Allergies: Prevalence, Molecular Characterization, and Treatment/Prevention Strategies	Annual Review of Nutrition	26	539-565	<a href="http://dx.doi.org/10.1146/annurev.nutr.26.061505.111211">http://dx.doi.org/10.1146/annurev.nutr.26.061505.111211</a>
Consumption	Lutz B, Wiedemann S, Albrecht C	2006	Degradation of transgenic Cry1Ab DNA and protein in Bt - 176 maize during the ensiling process	Journal of Animal Physiology and Animal Nutrition	90	116-123	<a href="http://dx.doi.org/10.1111/j.1439-0396.2005.00571.x">http://dx.doi.org/10.1111/j.1439-0396.2005.00571.x</a>
Consumption	Orrufo E, Morgan MRA	2006	IgE binding to proteins from sesame and assessment of allergenicity: implications for biotechnology?	Biotechnology Letters	28	1877-1888	<a href="http://dx.doi.org/10.1007/s10529-006-9180-x">http://dx.doi.org/10.1007/s10529-006-9180-x</a>
Consumption	Prescott VE, Hogan SP	2006	Genetically modified plants and food hypersensitivity diseases: Usage and implications of experimental models for risk assessment	Pharmacology & Therapeutics	111	374-383	<a href="http://dx.doi.org/10.1016/j.pharmthera.2005.10.005">http://dx.doi.org/10.1016/j.pharmthera.2005.10.005</a>
Consumption	Regina A, Bird A, Topping D, Bowden S, Freeman J, Barsby T, Kosar-Hashemi B, Li Z, Rahman S, Morell M	2006	High-amylose wheat generated by RNA interference improves indices of large-bowel health in rats	Proceedings of the National Academy of Sciences of the United States of America	103	3546-3551	<a href="http://dx.doi.org/10.1073/pnas.0510737103">http://dx.doi.org/10.1073/pnas.0510737103</a>
Consumption	Ricard G, McEwan NR, Dutilleul BE, Jouany J-P, Machoibeuf D, Mitsumori M, McIntosh FM, Michalowski T, Nagamine T, Nelson N, Newbold CJ, Nsabimana E, Takenaka A, Thomas NA, Ushida K, Hackstein JHP, Huynen MA	2006	Horizontal gene transfer from Bacteria to rumen Ciliates indicates adaptation to their anaerobic, carbohydrates-rich environment	BMC Genomics	7		<a href="http://dx.doi.org/10.1186/1471-2164-7-22">http://dx.doi.org/10.1186/1471-2164-7-22</a>
Consumption	Sharma R, Damgaard D, Alexander TW, Dugan MER, Aalhus JL, Stanford K, McAllister TA	2006	Detection of Transgenic and Endogenous Plant DNA in Digesta and Tissues of Sheep and Pigs Fed Roundup Ready Canola Meal	J. Agric. Food Chem.	54	1699-1709	<a href="http://dx.doi.org/10.1021/jf0524590">http://dx.doi.org/10.1021/jf0524590</a>
Consumption	Taylor SL	2006	Review of the development of methodology for evaluating the human allergenic potential of novel proteins	Molecular Nutrition & Food Research	50	604-609	<a href="http://dx.doi.org/10.1002/mnfr.200500275">http://dx.doi.org/10.1002/mnfr.200500275</a>
Consumption	Wiedemann S, Lutz B, Kurtz H, Schwarz F, J, Albrecht C	2006	In situ studies on the time-dependent degradation of recombinant corn DNA and protein in the bovine rumen	Journal of Animal Science	84	135-144	
Consumption	Bakke - McKellep AM, Koppang EO, Gunnes G, Sanden M, Hemre GI, Landsverk T, Krogdahl A	2007	Histological, digestive, metabolic, hormonal and some immune factor responses in Atlantic salmon, <i>Salmo salar</i> L., fed genetically modified soybeans	Journal of Fish Diseases	30	65-79	<a href="http://dx.doi.org/10.1111/j.1365-2761.2007.00782.x">http://dx.doi.org/10.1111/j.1365-2761.2007.00782.x</a>
Consumption	Bannon GA, Martino-Catt S	2007	Application of current allergy assessment guidelines to next-generation biotechnology-derived crops	Journal of AOAC International	90	1492-1499	
Consumption	Batista R, Martins I, Jenö P, Ricardo CP, Oliveira MM	2007	A Proteomic Study to Identify Soya Allergens - The Human Response to Transgenic versus Non-Transgenic Soya Samples	International Archives of Allergy and Immunology	144	29-38	
Consumption	Calsamiglia S, Hernandez B, Hartnell GF, Phipps R	2007	Effects of Corn Silage Derived from a Genetically Modified Variety Containing Two Transgenes on Feed Intake, Milk Production, and Composition, and the Absence of Detectable Transgenic Deoxyribonucleic Acid in Milk in Holstein Dairy Cows	Journal of Dairy Science	90	4718-4723	<a href="http://dx.doi.org/10.3168/jds.2007-0286">http://dx.doi.org/10.3168/jds.2007-0286</a>
Consumption	Delaney B	2007	Strategies to evaluate the safety of bioengineered foods	International Journal of Toxicology	26	389-399	<a href="http://dx.doi.org/10.1080/10915810701582855">http://dx.doi.org/10.1080/10915810701582855</a>

Consumption	Domingo JL	2007	Toxicity Studies of Genetically Modified Plants: A Review of the Published Literature	Critical Reviews in Food Science and Nutrition	47	721-733	
Consumption	Doull J, Gaylor D, Greim HA, Lovell DP, Lynch B, Munro IC	2007	Report of an Expert Panel on the reanalysis by of a 90-day study conducted by Monsanto in support of the safety of a genetically modified corn variety (MON 863)	Food and Chemical Toxicology	45	2073-2085	<a href="http://dx.doi.org/doi:10.1016/j.fct.2007.08.033">http://dx.doi.org/doi:10.1016/j.fct.2007.08.033</a>
Consumption	Faust M, Smith B, Rice D, Owens F, Hinds M, Dana G, Hunst P	2007	Performance of Lactating Dairy Cows Fed Silage and Grain from a Maize Hybrid with the cry1F Trait Versus its Nonbiotech Counterpart	Journal of Dairy Science	90	5706-5713	<a href="http://dx.doi.org/10.3168/jds.2007-0480">http://dx.doi.org/10.3168/jds.2007-0480</a>
Consumption	Ferrini AM, Mannoni V, Pontieri E, Pourshaban M	2007	Longer resistance of some DNA traits from BT176 maize to gastric juice from gastrointestinal affected patients	International Journal of Immunopathology and Pharmacology	20	111-118	
Consumption	Flachowsky G, Aulrich K, Böhme H, Halle I	2007	Studies on feeds from genetically modified plants (GMP) – Contributions to nutritional and safety assessment	Animal Feed Science and Technology	133	2-30	<a href="http://dx.doi.org/10.1016/j.anifeedsci.2006.08.002">http://dx.doi.org/10.1016/j.anifeedsci.2006.08.002</a>
Consumption	Hoff M, Son DY, Gubesch M, Ahn K, Lee S, Vieths S, Goodman RE, Ballmer - Weber BK, Bammann GA	2007	Serum testing of genetically modified soybeans with special emphasis on potential allergenicity of the heterologous protein CP4 EPSPS	Molecular Nutrition & Food Research	51	946-955	<a href="http://dx.doi.org/10.1002/mnfr.200600285">http://dx.doi.org/10.1002/mnfr.200600285</a>
Consumption	Knudsen I, Poulsen M	2007	Comparative safety testing of genetically modified foods in a 90-day rat feeding study design allowing the distinction between primary and secondary effects of the new genetic event	Regulatory Toxicology and Pharmacology	49	53-62	<a href="http://dx.doi.org/10.1016/j.yrtph.2007.07.003">http://dx.doi.org/10.1016/j.yrtph.2007.07.003</a>
Consumption	MacKenzie SA, Lamb I, Schmidt J, Deege L, Morrisey MJ, Harper M, Layton RJ, Prochaska LM, Sanders C, Locke M, Mattsson JL, Fuentes A, Delaney B	2007	Thirteen week feeding study with transgenic maize grain containing event DAS-Ø15Ø7-1 in Sprague-Dawley rats	Food and Chemical Toxicology	45	551-562	<a href="http://dx.doi.org/10.1016/j.fct.2006.09.016">http://dx.doi.org/10.1016/j.fct.2006.09.016</a>
Consumption	Malley LA, Everts NE, Reynolds J, Mann PC, Lamb I, Rood T, Schmidt J, Layton R, J, Prochaska LM, Hinds M, Locke M, Chui C-F, Claussen F, Mattsson JL, Delaney B	2007	Subchronic feeding study of DAS-59122-7 maize grain in Sprague-Dawley rats	Food and Chemical Toxicology	45	1277-1292	<a href="http://dx.doi.org/10.1016/j.fct.2007.01.013">http://dx.doi.org/10.1016/j.fct.2007.01.013</a>
Consumption	McNaughton J, Roberts M, Smith B, Rice D, Hinds M, Schmidt J, Locke M, Brink K, Bryant A, Rood T, Layton R, Lamb I, Delaney B	2007	Comparison of broiler performance when fed diets containing event DP-356Ø43-5 (Optimum GAT), nontransgenic near-isoline control, or commercial reference soybean meal, hulls, and oil	Poultry Science	86	2569-2581	<a href="http://dx.doi.org/10.3382/ps.2007-00140">http://dx.doi.org/10.3382/ps.2007-00140</a>
Consumption	Nakajima O, Teshima R, Takagi K, Okunuki H, Sawada J-I	2007	ELISA method for monitoring human serum IgE specific for Cry1Ab introduced into genetically modified corn	Regulatory Toxicology and Pharmacology	47	90-95	<a href="http://dx.doi.org/10.1016/j.yrtph.2006.08.003">http://dx.doi.org/10.1016/j.yrtph.2006.08.003</a>
Consumption	Poulsen M, Kroghsbo S, Schrøder M, Wilcks A, Jacobsen H, Miller A, Frenzel T, Danier J, Rychlik M, Shu Q, Emami K, Sudhakar D, Gatehouse A, Engel K-H, Knudsen I	2007	A 90-day safety study in Wistar rats fed genetically modified rice expressing snowdrop lectin <i>Galanthus nivalis</i> (GNA)	Food and Chemical Toxicology	45	350-363	<a href="http://dx.doi.org/10.1016/j.fct.2006.09.002">http://dx.doi.org/10.1016/j.fct.2006.09.002</a>
Consumption	Poulsen M, Schrøder M, Wilcks A, Kroghsbo S, Lindcrona RH, Miller A, Frenzel T, Danier J, Rychlik M, Shu Q, Emami K, Taylor M, Gatehouse A, Engel K-H, Knudsen I	2007	Safety testing of GM-rice expressing PHA-E lectin using a new animal test design	Food and Chemical Toxicology	45	364-377	<a href="http://dx.doi.org/doi:10.1016/j.fct.2006.09.003">http://dx.doi.org/doi:10.1016/j.fct.2006.09.003</a>
Consumption	Ronchetti R, Kaczmarski MG, Haluszka J, Jesenak M, Villa MP	2007	Food allergies, cross-reactions and agroalimentary biotechnologies	Advances in Medical Sciences	52	98-103	
Consumption	Sapkota AR, Lefferts LY, McKenzie S, Walker P	2007	What Do We Feed to Food-Production Animals? A Review of Animal Feed Ingredients and Their Potential Impacts on Human Health	Environmental Health Perspectives	115	663-670	<a href="http://dx.doi.org/10.1289/ehp.9760">http://dx.doi.org/10.1289/ehp.9760</a>

Consumption	Schröder M, Poulsen M, Wilcks A, Kroghsbo S, Miller A, Frenzel T, Danier J, Rychlik M, Emami K, Gatehouse A, Shu Q, Engel K-H, Altosaar I, Knudsen I	2007	A 90-day safety study of genetically modified rice expressing Cry1Ab protein (Bacillus thuringiensis toxin) in Wistar rats	Food and Chemical Toxicology	45	339-349	<a href="http://dx.doi.org/doi:10.1016/j.fct.2006.09.001">http://dx.doi.org/doi:10.1016/j.fct.2006.09.001</a>
Consumption	Seralini G-E, Cellier D, Vendomois JS	2007	New Analysis of a Rat Feeding Study with a Genetically Modified Maize Reveals Signs of Hepatorenal Toxicity	Archives of environmental contamination and toxicology	52	596-602	<a href="http://dx.doi.org/10.1007/s00244-006-0149-5">http://dx.doi.org/10.1007/s00244-006-0149-5</a>
Consumption	Taylor M, Hartnell G, Lucas D, Davis S, Nemeth M	2007	Comparison of Broiler Performance and Carcass Parameters When Fed Diets Containing Soybean Meal Produced from Glyphosate-Tolerant (MON 89788), Control, or Conventional Reference Soybeans	Poultry Science	86	2608-2614	<a href="http://dx.doi.org/10.3382/ps.2007-00139">http://dx.doi.org/10.3382/ps.2007-00139</a>
Consumption	Wiedemann S, Gürtler P, Albrecht C	2007	Effect of Feeding Cows Genetically Modified Maize on the Bacterial Community in the Bovine Rumen	Applied and Environmental Microbiology	73	8012-8017	<a href="http://dx.doi.org/10.1128/aem.01060-06">http://dx.doi.org/10.1128/aem.01060-06</a>
Consumption	Aalberse RC	2008	Allergenicity testing of GM crops	Nat Biotech	26	1070-1071	<a href="http://dx.doi.org/10.1038/nbt1008-1070">http://dx.doi.org/10.1038/nbt1008-1070</a>
Consumption	Appenzeller LM, Munley SM, Hoban D, Sykes GP, Malley LA, Delaney B	2008	Subchronic feeding study of herbicide-tolerant soybean DP-356Ø43-5 in Sprague-Dawley rats	Food and Chemical Toxicology	46	2201-2213	<a href="http://dx.doi.org/10.1016/j.fct.2008.02.017">http://dx.doi.org/10.1016/j.fct.2008.02.017</a>
Consumption	Bakke-McKellep AM, Sanden M, Danielli A, Acierno R, Hemre GI, Maifra M, Krogdahl A	2008	Atlantic salmon ( <i>Salmo salar</i> L.) parr fed genetically modified soybeans and maize: Histological, digestive, metabolic, and immunological investigations	Research in Veterinary Science	84	395-408	
Consumption	Barber D, Rodr�guez R, Salcedo G	2008	Molecular profiles: A new tool to substantiate serum banks for evaluation of potential allergenicity of GMO	Food and Chemical Toxicology	46	S35-S40	<a href="http://dx.doi.org/10.1016/j.fct.2008.07.022">http://dx.doi.org/10.1016/j.fct.2008.07.022</a>
Consumption	Bondzio A, Stumpff F, Sch�n J, Martens H, Einspanier R	2008	Impact of Bacillus thuringiensis toxin Cry1Ab on rumen epithelial cells (REC) - A new in vitro model for safety assessment of recombinant food compounds	Food and Chemical Toxicology	46	1976-1984	<a href="http://dx.doi.org/10.1016/j.fct.2008.01.038">http://dx.doi.org/10.1016/j.fct.2008.01.038</a>
Consumption	Chainark P, Satoh S, Hirono I, Aoki T, Endo M	2008	Availability of genetically modified feed ingredient: investigations of ingested foreign DNA in rainbow trout & Oncorhynchus mykiss&lt;/i&gt;	Fisheries Science	74	380-390	<a href="http://dx.doi.org/10.1111/j.1444-2906.2008.01535.x">http://dx.doi.org/10.1111/j.1444-2906.2008.01535.x</a>
Consumption	Chen M, Ye G-y, Liu Z-c, Fang Q, Hu C, Peng Y-f, Shelton AM	2008	Analysis of Cry1Ab toxin bioaccumulation in a food chain of Bt rice, an herbivore and a predator	Ecotoxicology	18	230-238	<a href="http://dx.doi.org/10.1007/s10646-008-0276-z">http://dx.doi.org/10.1007/s10646-008-0276-z</a>
Consumption	Cisterna B, Flach F, Vecchio L, Barabino SML, Battistelli S, Martin TE, Malatesta M, Biggiogera M	2008	Can a genetically-modified organism-containing diet influence embryo development? A preliminary study on pre-implantation mouse embryos	European Journal of Histochemistry	52	263-267	
Consumption	Daunert S, Deo S, Morin X, Roda A	2008	The genetically modified foods debate: demystifying the controversy through analytical chemistry	Analytical and Bioanalytical Chemistry	392	327-331	<a href="http://dx.doi.org/10.1007/s00216-008-2312-5">http://dx.doi.org/10.1007/s00216-008-2312-5</a>
Consumption	De Luis R, P�rez MD, S�nchez L, Lavilla M, Calvo M	2008	Kinetic and thermodynamic parameters for heat denaturation of Cry1a(b) protein from transgenic maize ( <i>Zea mays</i> )	Journal of Food Science	73	C447-451	
Consumption	Delaney B, Appenzeller LM, Munley SM, Hoban D, Sykes GP, Malley LA, Sanders C	2008	Subchronic feeding study of high oleic acid soybeans (Event DP-3Ø5423-1) in Sprague-Dawley rats	Food and Chemical Toxicology	46	3808-3817	<a href="http://dx.doi.org/10.1016/j.fct.2008.10.003">http://dx.doi.org/10.1016/j.fct.2008.10.003</a>
Consumption	Delaney B, Astwood JD, Cumny H, Conn RE, Herouet-Guicheneay C, MacIntosh S, Meyer LS, Privalle L, Gao Y, Mattison J, Levine M	2008	Evaluation of protein safety in the context of agricultural biotechnology	Food and Chemical Toxicology	46,	Supplement 2	<a href="http://dx.doi.org/10.1016/j.fct.2008.01.045">http://dx.doi.org/10.1016/j.fct.2008.01.045</a>
Consumption	Delaney B, Zhang J, Carlson G, Schmidt J, Staggs B, Comstock B, Babb A, Finlay C, Cressman RF, Ladics G, Cogburn A, Siehl D, Bardina L, Sampson H, Han Y	2008	A Gene-Shuffled Glyphosate Acetyltransferase Protein from <i>Bacillus licheniformis</i> (GAT4601) Shows No Evidence of Allergenicity or Toxicity	Toxicological Sciences	102	425-432	<a href="http://dx.doi.org/10.1093/toxsci/kfm304">http://dx.doi.org/10.1093/toxsci/kfm304</a>

Consumption	Deng P,Zhou X,Zhou P,Du Z,Hou H,Yang D,Tan J,Wu X,Zhang J,Yang Y,Liu J,Liu G,Li Y,Liu J,Yu L,Fang S,Yang X	2008	Edible safety requirements and assessment standards for agricultural genetically modified organisms	Food and Chemical Toxicology	46	1414-1436	<a href="http://dx.doi.org/10.1016/j.fct.2008.01.007">http://dx.doi.org/10.1016/j.fct.2008.01.007</a>
Consumption	Désert C,Duclos M,J,Blavy P,Leceuf F,Moreeews F,Klopp C,Aubry M,Heraut F,Le Roy P,Berri C,Douaire M,Diot C,Lagarigue S	2008	Transcriptome profiling of the feeding-to-fasting transition in chicken liver	BMC Genomics	9		<a href="http://dx.doi.org/10.1186/1471-2164-9-611">http://dx.doi.org/10.1186/1471-2164-9-611</a>
Consumption	Efsa	2008	Safety and nutritional assessment of GM plants and derived food and feed: The role of animal feeding trials	Food and Chemical Toxicology	46, Supplement 1	S2-S70	<a href="http://dx.doi.org/10.1016/j.fct.2008.02.008">http://dx.doi.org/10.1016/j.fct.2008.02.008</a>
Consumption	Finamore A,Roselli M,Britti S,Monastra G,Ambra R,Turrini A,Mengheri E	2008	Intestinal and Peripheral Immune Response to MON810 Maize Ingestion in Weaning and Old Mice	J. Agric. Food Chem.	56	11533-11539	<a href="http://dx.doi.org/10.1021/jf802059w">http://dx.doi.org/10.1021/jf802059w</a>
Consumption	Goodman RE,Viehls S,Sampson HA,Hill D,Ebisawa M,Taylor SL,van Ree R	2008	Allergenicity assessment of genetically modified crops[mdash]what makes sense?	Nat Biotech	26	73-81	<a href="http://dx.doi.org/10.1038/nbt1343">http://dx.doi.org/10.1038/nbt1343</a>
Consumption	He XY,Huang KL,Li X,Qin W,Delaney B,Luo YB	2008	Comparison of grain from corn rootworm resistant transgenic DAS-59122-7 maize with non-transgenic maize grain in a 90-day feeding study in Sprague-Dawley rats	Food and Chemical Toxicology	46	1994-2002	<a href="http://dx.doi.org/10.1016/j.fct.2008.01.039">http://dx.doi.org/10.1016/j.fct.2008.01.039</a>
Consumption	Holzhauser T,Ree Rv,Poulsen LK,Bannon GA	2008	Analytical criteria for performance characteristics of IgE binding methods for evaluating safety of biotech food products	Food and Chemical Toxicology	46	S15-S19	<a href="http://dx.doi.org/10.1016/j.fct.2008.07.026">http://dx.doi.org/10.1016/j.fct.2008.07.026</a>
Consumption	Jacobs CM,Utterback PL,Parsons CM,Rice D,Smith B,Hinds M,Liebergessel M,Sauber T	2008	Performance of Laying Hens Fed Diets Containing DAS-59122-7 Maize Grain Compared with Diets Containing Nontransgenic Maize Grain	Poultry Science	87	475-479	<a href="http://dx.doi.org/10.3382/ps.2007-00217">http://dx.doi.org/10.3382/ps.2007-00217</a>
Consumption	Kilic A,Akay MT	2008	A three generation study with genetically modified Bt corn in rats: Biochemical and histopathological investigation	Food and Chemical Toxicology	46	1164-1170	<a href="http://dx.doi.org/10.1016/j.fct.2007.11.016">http://dx.doi.org/10.1016/j.fct.2007.11.016</a>
Consumption	Krogsho S,Madsen C,Poulsen M,Schröder M,Kvist P,Taylor M,Gatehouse A,Shu Q,Knuksen I	2008	Immunotoxicological studies of genetically modified rice expressing PHA-E lectin or Bt toxin in Wistar rats	Toxicology	245	24-34	<a href="http://dx.doi.org/10.1016/j.tox.2007.12.005">http://dx.doi.org/10.1016/j.tox.2007.12.005</a>
Consumption	Lemaux PG	2008	Genetically Engineered Plants and Foods: A Scientist's Analysis of the Issues (Part I)	Annual Review of Plant Biology	59	771-812	
Consumption	Magaña - Gómez JA,Cervantes GL,Yepiz - Plascencia G,Barca AMCdI	2008	Pancreatic response of rats fed genetically modified soybean	Journal of Applied Toxicology	28	217-226	<a href="http://dx.doi.org/10.1002/jat.1319">http://dx.doi.org/10.1002/jat.1319</a>
Consumption	Malatesta M,Boraldi F,Annovi G,Baldelli B,Battistelli S,Biggogera M,Quaglino D	2008	A long-term study on female mice fed on a genetically modified soybean: effects on liver ageing	Histochemistry and Cell Biology	130	967-977	<a href="http://dx.doi.org/10.1007/s00418-008-0476-x">http://dx.doi.org/10.1007/s00418-008-0476-x</a>
Consumption	McNaughton J,Roberts M,Smith B,Rice D,Hinds M,Rood T,Layton R,Lamb L,Delaney B	2008	Comparison of Broiler Performance and Carcass Yields When Fed Diets Containing Transgenic Maize Grains from Event DP-098140-6 (Optimum GAT), Near-Isogenic Control Maize Grain, or Commercial Reference Maize Grains	Poultry Science	87	2562-2572	<a href="http://dx.doi.org/10.3382/ps.2008-00017">http://dx.doi.org/10.3382/ps.2008-00017</a>
Consumption	McNaughton J,Roberts M,Smith B,Rice D,Hinds M,Sanders C,Layton R,Lamb L,Delaney B	2008	Comparison of broiler performance when fed diets containing event DP-3O5423-1, nontransgenic near-isoline control, or commercial reference soybean meal, hulls, and 2008 oil	Poultry Science	87	2549-2561	<a href="http://dx.doi.org/10.3382/ps.2007-00467">http://dx.doi.org/10.3382/ps.2007-00467</a>
Consumption	Ofori-Anti AO,Ariyaratna H,Chen L,Lee HL,Pramad SN,Goodman RE	2008	Establishing objective detection limits for the pepsin digestion assay used in the assessment of genetically modified foods	Regulatory Toxicology and Pharmacology	52	94-103	<a href="http://dx.doi.org/10.1016/j.yrtph.2008.06.006">http://dx.doi.org/10.1016/j.yrtph.2008.06.006</a>
Consumption	Onose J,Iimai T,Hasumura M,Ueda M,Ozeki Y,Hirose M	2008	Evaluation of subchronic toxicity of dietary administered Cry1Ab protein from <i>Bacillus thuringiensis</i> var. <i>Kurstaki</i> HD-1 in F344 male rats with chemically induced gastrointestinal impairment	Food and Chemical Toxicology	46	2184-2189	<a href="http://dx.doi.org/10.1016/j.fct.2008.02.015">http://dx.doi.org/10.1016/j.fct.2008.02.015</a>

Consumption	Paul V,Steinke K,Meyer HHD	2008	Development and validation of a sensitive enzyme immunoassay for surveillance of Cry1Ab toxin in bovine blood plasma of cows fed Bt-maize (MON810)	Analytica Chimica Acta	607	106-113	<a href="http://dx.doi.org/10.1016/j.aca.2007.11.022">http://dx.doi.org/10.1016/j.aca.2007.11.022</a>
Consumption	Sakamoto Y, Tada Y, Fukumori N, Tayama K, Ando H, Takahashi H, Kubo Y, Nagasawa A, Yano N, Yuzawa K, Ogata A	2008	A 104-Week Feeding Study of Genetically Modified Soybeans in F344 Rats	Food Hygiene and Safety Science (Shokuhin Eiseigaku Zasshi)	49	272-282	
Consumption	Schubert DR	2008	The Problem with Nutritionally Enhanced Plants	Journal of Medicinal Food	11	601-605	<a href="http://dx.doi.org/10.1089/jmf.2008.0094">http://dx.doi.org/10.1089/jmf.2008.0094</a>
Consumption	Singh AK, Singh BP, Prasad GBKS, Gaur SN, Arora N	2008	Safety Assessment of Bacterial Choline Oxidase Protein Introduced in Transgenic Crops for Tolerance against Abiotic Stress	J. Agric. Food Chem.	56	12099-12104	<a href="http://dx.doi.org/10.1021/jf8027073">http://dx.doi.org/10.1021/jf8027073</a>
Consumption	Trabalza-Marinucci M, Brandi G, Rondini C, Avellini L, Giannarini C, Costarelli S, Acuti G, Orlandi C, Filippini G, Chiaradia E, Malatesta M, Crotti S, Antonini C, Amagliani G, Manuelli E, Mastrogiacomo AR, Moscati L, Naceur Haouet M, Gatti A, Magnani M	2008	A three-year longitudinal study on the effects of a diet containing genetically modified Bt176 maize on the health status and performance of sheep	Livestock Science	113	178-190	<a href="http://dx.doi.org/10.1016/j.livsci.2007.03.009">http://dx.doi.org/10.1016/j.livsci.2007.03.009</a>
Consumption	Zurbrugg C, Nentwig W	2008	Ingestion and excretion of two transgenic Bt corn varieties by slugs	Transgenic Research	18	215-225	<a href="http://dx.doi.org/10.1007/s11248-008-9208-1">http://dx.doi.org/10.1007/s11248-008-9208-1</a>
Consumption	Aldemir H, Bars R, Herouet-Guicheney C	2009	Murine models for evaluating the allergenicity of novel proteins and foods	Regulatory Toxicology and Pharmacology	54	S52-S57	<a href="http://dx.doi.org/10.1016/j.yrtph.2008.11.004">http://dx.doi.org/10.1016/j.yrtph.2008.11.004</a>
Consumption	Appenzeller LM, Malley L, MacKenzie SA, Hoban D, Delaney B	2009	Subchronic feeding study with genetically modified stacked trait lepidopteran and coleopteran resistant (DAS-Ø15Ø7-1xDAS-59122-7) maize grain in Sprague-Dawley rats	Food and Chemical Toxicology	47	1512-1520	<a href="http://dx.doi.org/10.1016/j.fct.2009.03.041">http://dx.doi.org/10.1016/j.fct.2009.03.041</a>
Consumption	Appenzeller LM, Munley SM, Hoban D, Sykes GP, Malley LA, Delaney B	2009	Subchronic feeding study of grain from herbicide-tolerant maize DP-Ø9814Ø-6 in Sprague-Dawley rats	Food and Chemical Toxicology	47	2269-2280	<a href="http://dx.doi.org/10.1016/j.fct.2009.06.014">http://dx.doi.org/10.1016/j.fct.2009.06.014</a>
Consumption	Bertheau Y, Helbling JC, Fortabat MN, Makhzami S, Soitnel I, Audéon C, Nignol AC, Koblinsky A, Petit L, Fach P, Brunschwиг P, Duhem K, Martin P	2009	Persistence of Plant DNA Sequences in the Blood of Dairy Cows Fed with Genetically Modified (Bt176) and Conventional Corn Silage	J. Agric. Food Chem.	57	509-516	<a href="http://dx.doi.org/10.1021/jf802262c">http://dx.doi.org/10.1021/jf802262c</a>
Consumption	Cantani A	2009	Benefits and concerns associated with biotechnology-derived foods: can additional research reduce children health risks?	European Review for Medical and Pharmacological Sciences	13	41-50	
Consumption	Daleprane JB, Feijó TS, Boaventura GT	2009	Organic and Genetically Modified Soybean Diets: Consequences in Growth and in Hematological Indicators of Aged Rats	Plant Foods for Human Nutrition	64	05-Jan	<a href="http://dx.doi.org/10.1007/s11130-008-0101-0">http://dx.doi.org/10.1007/s11130-008-0101-0</a>
Consumption	Daleprane JB, Pacheco JT, Boaventura GT de Vendômois JS, Roullier F, Cellier D, Séralini G-E	2009	Evaluation of protein quality from genetically modified and organic soybean in two consecutive generations of wistar rats	Brazilian Archives of Biology and Technology	52	841-847	<a href="http://dx.doi.org/10.1590/s1516-89132009000400007">http://dx.doi.org/10.1590/s1516-89132009000400007</a>
Consumption	Domon E, Takagi H, Hirose S, Sugita K, Kasahara S, Ebinuma H, Takaiwa F	2009	A Comparison of the Effects of Three GM Corn Varieties on Mammalian Health	International Journal of Biological Sciences	5	706-726	
Consumption	Dona A, Arvanitoyannis IS	2009	26-Week Oral Safety Study in Macaques for Transgenic Rice Containing Major Human T-Cell Epitope Peptides from Japanese Cedar Pollen Allergens	Journal of agricultural and food chemistry	57	5633-5638	<a href="http://dx.doi.org/10.1021/jf900371u">http://dx.doi.org/10.1021/jf900371u</a>
Consumption	Fallarero A, Ainasoja M, Sandberg M, Teeri TH, Vuorela PM	2009	Health Risks of Genetically Modified Foods	Critical Reviews in Food Science and Nutrition	49	164-175	<a href="http://dx.doi.org/10.1080/10408390701855993">http://dx.doi.org/10.1080/10408390701855993</a>
Consumption		2009	GT1-7 cell-based cytotoxicity screening assay on 96-well microplates as a platform for the safety assessment of genetically modified Gerbera hybrida extracts	Drug and Chemical Toxicology	32	120-127	<a href="http://dx.doi.org/10.1080/01480540802593857">http://dx.doi.org/10.1080/01480540802593857</a>

Consumption	Hanyu Y, Taguchi Y, Itakura E, Mikami O, Miura K, Saeki T, Nakajima Y	2009	Longterm Biosafety Assessment of A Genetically Modified (GM) Plant: The Genetically Modified (GM) Insect-Resistant Bt11 Corn Does Not Affect the Performance of Multi-Generations or Life Span of Mice	The Open Plant Science Journal	3	49-53	<a href="http://dx.doi.org/10.2174/1874294700903010049">http://dx.doi.org/10.2174/1874294700903010049</a>
Consumption	He XY, Tang MZ, Luo YB, Li X, Cao SS, Yu JJ, Delaney B, Huang KL	2009	A 90-day toxicology study of transgenic lysine-rich maize grain (Y642) in Sprague-Dawley rats	Food and Chemical Toxicology	47	425-432	<a href="http://dx.doi.org/10.1016/j.fct.2008.11.032">http://dx.doi.org/10.1016/j.fct.2008.11.032</a>
Consumption	Herouet-Guichenev C, Rouquié D, Freyssiénet M, Currier T, Martone A, Zhou J, Bates EEM, Ferullo J-M, Hendrickx K, Rouan D	2009	Safety evaluation of the double mutant 5-enol pyruvylshikimate-3-phosphate synthase (2nEPSPS) from maize that confers tolerance to glyphosate herbicide in transgenic plants	Regulatory Toxicology and Pharmacology	54	143-153	<a href="http://dx.doi.org/10.1016/j.yrtph.2009.03.005">http://dx.doi.org/10.1016/j.yrtph.2009.03.005</a>
Consumption	Hirao T, Watanabe S, Temmei Y, Hiramoto M, Kato H	2009	Qualitative polymerase chain reaction methods for detecting major food allergens (peanut, soybean, and wheat) by using internal transcribed spacer region	Journal of AOAC International	92	1464-1471	
Consumption	Ivashuta SI, Patrick JS, Heisel SE, Zhang Y, Guo L, Reynolds TL, Rice JF, Allen E, Roberts JK	2009	Endogenous small RNAs in grain: semi-quantification and sequence homology to human and animal genes	Food and chemical toxicology	47	353-360	<a href="http://dx.doi.org/10.1016/j.fct.2008.11.025">http://dx.doi.org/10.1016/j.fct.2008.11.025</a>
Consumption	Juberg DR, Herman RA, Thomas J, Brooks K, J, Delaney B	2009	Acute and repeated dose (28 day) mouse oral toxicology studies with Cry34Ab1 and Cry35Ab1 Bt proteins used in coleopteran resistant DAS-59122-7 corn	Regulatory Toxicology and Pharmacology	54	154-163	<a href="http://dx.doi.org/10.1016/j.yrtph.2009.03.008">http://dx.doi.org/10.1016/j.yrtph.2009.03.008</a>
Consumption	Ka S, Lindberg J, Strömstedt L, Fitzsimmons C, Lindqvist N, Lundberg J, Siegel P, Andersson L, Hallböök F	2009	Extremely different behaviours in high and low body weight lines of chicken are associated with differential expression of genes involved in neuronal plasticity	Journal of Neuroendocrinology	21	208-216	<a href="http://dx.doi.org/10.1111/j.1365-2826.2009.01819.x">http://dx.doi.org/10.1111/j.1365-2826.2009.01819.x</a>
Consumption	Ladics GS, Selgrade MK	2009	Identifying food proteins with allergenic potential: Evolution of approaches to safety assessment and research to provide additional tools	Regulatory Toxicology and Pharmacology	54	S2-S6	<a href="http://dx.doi.org/10.1016/j.yrtph.2008.10.010">http://dx.doi.org/10.1016/j.yrtph.2008.10.010</a>
Consumption	Magaña-Gómez JA, Calderón de la Barca AMI	2009	Risk assessment of genetically modified crops for nutrition and health	Nutrition Reviews	67	16-Jan	<a href="http://dx.doi.org/10.1111/j.1753-4887.2008.00130.x">http://dx.doi.org/10.1111/j.1753-4887.2008.00130.x</a>
Consumption	Mathesius CA, Barnett Jr JF, Cressman RF, Ding J, Carpenter C, Ladics GS, Schmidt J, Layton RJ, Zhang JXQ, Appenzeller LM, Carlson G, Ballou S, Delaney B	2009	Safety assessment of a modified acetolactate synthase protein (GM-HRA) used as a selectable marker in genetically modified soybeans	Regulatory Toxicology and Pharmacology	55	309-320	<a href="http://dx.doi.org/10.1016/j.yrtph.2009.08.003">http://dx.doi.org/10.1016/j.yrtph.2009.08.003</a>
Consumption	Mohanta RK, Singhal KK, Tyagi AK, Rajput YS, Prasad S	2009	Nutritional evaluation of transgenic cottonseed in the ration of lactating dairy cows	Tropical Animal Health and Production	42	431-438	<a href="http://dx.doi.org/10.1007/s11250-009-9439-z">http://dx.doi.org/10.1007/s11250-009-9439-z</a>
Consumption	Parrot W, Chassy B	2009	Is This Study Believable? Examples from Animal Studies with GM Foods	<a href="http://agribiotech.info/">http://agribiotech.info/</a>			
Consumption	Paschke A	2009	Aspects of food processing and its effect on allergen structure	Molecular Nutrition & Food Research	53	959-962	<a href="http://dx.doi.org/10.1002/mnfr.200800187">http://dx.doi.org/10.1002/mnfr.200800187</a>
Consumption	Rickard C	2009	Letter to the Editor	Critical Reviews in Food Science and Nutrition	50	85-91	<a href="http://dx.doi.org/10.1080/10408390903467787">http://dx.doi.org/10.1080/10408390903467787</a>
Consumption	Scheurer S, Sonnewald S	2009	Genetic engineering of plant food with reduced allergenicity	Frontiers in Bioscience: A Journal and Virtual Library	14	59-71	
Consumption	Selgrade MK, Bowman CC, Ladics GS, Privalle L, Laessig SA	2009	Safety Assessment of Biotechnology Products for Potential Risk of Food Allergy: Implications of New Research	Toxicological Sciences	110	31-39	<a href="http://dx.doi.org/10.1093/toxsci/kfp075">http://dx.doi.org/10.1093/toxsci/kfp075</a>
Consumption	Séralini G-E, de Vendômeis JS, Cellier D, Sultan C, Buiatti M, Gallagher L, Antoniou M, Dronamraju KR	2009	How Subchronic and Chronic Health Effects can be Neglected for GMOs, Pesticides or Chemicals	International Journal of Biological Sciences	5	438-443	



Consumption	Sessener NH, Martin SAM, Cash P, Hevrøy EM, Sanden M, Hemre G-I	2009	Proteomic Profiling of Liver from Atlantic Salmon (Salmo salar) Fed Genetically Modified Soy Compared to the Near-Isogenic non-GM Line	Marine Biotechnology	12	273-281	<a href="http://dx.doi.org/10.1007/s10126-009-9214-1">http://dx.doi.org/10.1007/s10126-009-9214-1</a>
Consumption	Stein HH, Rice DW, Smith BL, Hinds MA, Sauber TE, Pedersen C, Wulf DM, Peters DN	2009	Evaluation of corn grain with the genetically modified input trait DAS-59122-7 fed to growing-finishing pigs	Journal of Animal Science	87	1254-1260	<a href="http://dx.doi.org/10.2527/jas.2008-0966">http://dx.doi.org/10.2527/jas.2008-0966</a>
Consumption	Thomas K, MacIntosh S, Bannon G, Herouet-Guichenev C, Holsapple M, Lados G, McClain S, Vieths S, Woolhiser M, Privalle L	2009	Scientific advancement of novel protein allergenicity evaluation: An overview of work from the HESI Protein Allergenicity Technical Committee (2000-2009)	Food and Chemical Toxicology	47	1041-1050	<a href="http://dx.doi.org/10.1016/j.fct.2009.02.001">http://dx.doi.org/10.1016/j.fct.2009.02.001</a>
Consumption	Xu W, Cao S, He X, Luo Y, Guo X, Yuan Y, Huang K	2009	Safety assessment of Cry1Ab/Ac fusion protein	Food and Chemical Toxicology	47	1459-1465	<a href="http://dx.doi.org/10.1016/j.fct.2009.03.029">http://dx.doi.org/10.1016/j.fct.2009.03.029</a>
Consumption	Ahuja V, Quatchadze M, Ahuja V, Steiler D, Albrecht A, Stahlmann R	2010	Evaluation of biotechnology-derived novel proteins for the risk of food-allergic potential: advances in the development of animal models and future challenges	Archives of Toxicology	84	909-917	<a href="http://dx.doi.org/10.1007/s00204-010-0582-0">http://dx.doi.org/10.1007/s00204-010-0582-0</a>
Consumption	Battistelli S, Citterio B, Baldelli B, Pariani C, Malatesta M	2010	Histochemical and morpho-metrical study of mouse intestine epithelium after a long term diet containing genetically modified soybean	European Journal of Histochemistry	54		<a href="http://dx.doi.org/10.4081/ejh.2010.e36">http://dx.doi.org/10.4081/ejh.2010.e36</a>
Consumption	Belanche A, Erroa IR, Balcells J, Calleja L	2010	Use of quantitative real - time PCR to assess the in vitro survival of specific DNA gene sequences of rumen microbes under simulated abomasal conditions	Journal of Animal Physiology and Animal Nutrition	94	204-211	<a href="http://dx.doi.org/10.1111/j.1439-0396.2008.00901.x">http://dx.doi.org/10.1111/j.1439-0396.2008.00901.x</a>
Consumption	Bolt HM, Hengstler JG	2010	Testing of genetically modified novel proteins for allergenicity in food and feed: a toxicological and regulatory challenge	Archives of Toxicology	84	907-908	<a href="http://dx.doi.org/10.1007/s00204-010-0596-7">http://dx.doi.org/10.1007/s00204-010-0596-7</a>
Consumption	Cao S, He X, Xu W, Ran W, Liang L, Luo Y, Yuan Y, Zhang N, Zhou X, Huang K	2010	Safety assessment of Cry1C protein from genetically modified rice according to the national standards of PR China for a new food resource	Regulatory Toxicology and Pharmacology	58	474-481	<a href="http://dx.doi.org/10.1016/j.yrtph.2010.08.018">http://dx.doi.org/10.1016/j.yrtph.2010.08.018</a>
Consumption	Daleprane JB, Chagas MA, Vellarde GC, Ramos CF, Boaventura GS	2010	The Impact of Non- and Genetically Modified Soybean Diets in Aorta Wall Remodelling	Journal of Food Science	75	T126-T131	<a href="http://dx.doi.org/10.1111/j.1750-3841.2010.01773.x">http://dx.doi.org/10.1111/j.1750-3841.2010.01773.x</a>
Consumption	de Vendômois JS, Cellier D, Vélot C, Clair E, Mesnage R, Séralini G-E	2010	Debates on GMOs Health Risks after Statistical Findings in Regulatory Tests	International Journal of Biological Sciences	6	590-598	
Consumption	Efsa	2010	Scientific Opinion on the assessment of allergenicity of GM plants and microorganisms and derived food and feed				
Consumption	Guimaraes V, Drumare M-F, Lereclus D, Gohar M, Lamourette P, Nevers M-C, Vaisanen-Tunkelrott M-L, Bernard H, Guillon B, Créminon C, Wal J-M, Adel-Patient K	2010	In vitro digestion of Cry1Ab proteins and analysis of the impact on their immunoreactivity	Journal of agricultural and food chemistry	58	3222-3231	<a href="http://dx.doi.org/10.1021/jf903189j">http://dx.doi.org/10.1021/jf903189j</a>
Consumption	Higgins SE, Elleslad LE, Trakoouli N, McCarthy F, Saliba J, Cogburn LA, Porter TE	2010	Transcriptional and pathway analysis in the hypothalamus of newly hatched chicks during fasting and delayed feeding	BMC Genomics	11		<a href="http://dx.doi.org/10.1186/1471-2164-11-162">http://dx.doi.org/10.1186/1471-2164-11-162</a>
Consumption	Huber M, van de Vijver LPL, Parmentier H, Savelkoul H, Coulier L, Wopereis S, Verheij E, van der Greef J, Nierop D, Hoogenboom RAP	2010	Effects of organically and conventionally produced feed on biomarkers of health in a chicken model	British Journal of Nutrition	103	663-676	<a href="http://dx.doi.org/10.1017/s0007114509992236">http://dx.doi.org/10.1017/s0007114509992236</a>
Consumption	Kim DK, Lillehoj HS, Lee SH, Jang SJ, Bravo D	2010	High-throughput gene expression analysis of intestinal intraepithelial lymphocytes after oral feeding of carvacrol, cinnamaldehyde, or Capsicum oleoresin	Poultry Science	89	68-81	<a href="http://dx.doi.org/10.3382/ps.2009-00275">http://dx.doi.org/10.3382/ps.2009-00275</a>
Consumption	Krzyżowska M, Wincenciak M, Winnicka A, Baranowski A, Jaszczak K, Zimny J, Niermatkowski M	2010	The effect of multigenerational diet containing genetically modified triticale on immune system in mice	Polish Journal of Veterinary Sciences	13	423-430	

Consumption	Ledics GS, Knippels LMJ, Penninks AH, Bannon GA, Goodman RE, Hérouet-Guichenev C	2010	Review of animal models designed to predict the potential allergenicity of novel proteins in genetically modified crops	Regulatory Toxicology and Pharmacology	56	212-224	<a href="http://dx.doi.org/10.1016/j.yrtph.2009.09.018">http://dx.doi.org/10.1016/j.yrtph.2009.09.018</a>
Consumption	Lin C-H, Sheu F, Lin H-T, Pan T-M	2010	Allergenicity Assessment of Genetically Modified Cucumber Mosaic Virus (CMV) Resistant Tomato (Solanum lycopersicon)	Journal of agricultural and food chemistry	58	2302-2306	<a href="http://dx.doi.org/10.1021/jf903487f">http://dx.doi.org/10.1021/jf903487f</a>
Consumption	Melja L, Jacobs CM, Utterback PL, Parsons CM, Rice D, Sanders C, Smith B, Iiams C, Sauber T	2010	Evaluation of the nutritional equivalency of soybean meal with the genetically modified trait DP-3O5423-1 when fed to laying hens	Poultry Science	89	2634-2639	<a href="http://dx.doi.org/10.3382/ps.2010-00938">http://dx.doi.org/10.3382/ps.2010-00938</a>
Consumption	Nakajima O, Koyano S, Akiyama H, Sawada J-I, Teshima R	2010	Confirmation of a predicted lack of IgE binding to Cry3Bb1 from genetically modified (GM) crops	Regulatory Toxicology and Pharmacology	56	306-311	<a href="http://dx.doi.org/10.1016/j.yrtph.2009.09.020">http://dx.doi.org/10.1016/j.yrtph.2009.09.020</a>
Consumption	Paul V, Guertler P, Wiedemann S, Meyer HHD	2010	Degradation of Cry1Ab protein from genetically modified maize (MON810) in relation to total dietary feed proteins in dairy cow digestion	Transgenic Research	19	683-689	<a href="http://dx.doi.org/10.1007/s11248-009-9339-z">http://dx.doi.org/10.1007/s11248-009-9339-z</a>
Consumption	Rapp D	2010	DNA extraction from bovine faeces: current status and future trends	Journal of Applied Microbiology	108	1485-1493	<a href="http://dx.doi.org/10.1111/j.1365-2672.2009.04606.x">http://dx.doi.org/10.1111/j.1365-2672.2009.04606.x</a>
Consumption	Rouquié D, Capt A, Eby WH, Sekar V, Hérouet-Guichenev C	2010	Investigation of endogenous soybean food allergens by using a 2-dimensional gel electrophoresis approach	Regulatory Toxicology and Pharmacology	58	S47-S53	<a href="http://dx.doi.org/doi: 10.1016/j.yrtph.2010.09.013">http://dx.doi.org/doi: 10.1016/j.yrtph.2010.09.013</a>
Consumption	Sissener NH, Johannessen LE, Hevrøy EM, Wiik-Nielsen CR, Bertal KG, Nordgreen A, Hemre G-I	2010	Zebrafish (Danio Rerio) as a Model for Investigating the Safety of GM Feed Ingredients (soya and Maize); Performance, Stress Response and Uptake of Dietary DNA Sequences	British Journal of Nutrition	103	15-Mar	<a href="http://dx.doi.org/10.1017/s0007114509991401">http://dx.doi.org/10.1017/s0007114509991401</a>
Consumption	Steinke K, Guertler P, Paul V, Wiedemann S, Eitle T, Albrecht C, Meyer HHD, Spiekers H, Schwarz FJ	2010	Effects of long-term feeding of genetically modified corn (event MON810) on the performance of lactating dairy cows	Journal of Animal Physiology and Animal Nutrition	94	e185-e193	<a href="http://dx.doi.org/10.1111/j.1439-0396.2010.01003.x">http://dx.doi.org/10.1111/j.1439-0396.2010.01003.x</a>
Consumption	Taylor SL, Baumert JL	2010	Cross-Contamination of Foods and Implications for Food Allergic Patients	Current Allergy and Asthma Reports	10	265-270	<a href="http://dx.doi.org/10.1007/s11882-010-0112-4">http://dx.doi.org/10.1007/s11882-010-0112-4</a>
Consumption	Tudisco R, Mastellone V, Cutrignelli M, Lombardi P, Bovera F, Mirabella N, Piccolo G, Calabrò S, Avallone L, Infascelli F	2010	Fate of transgenic DNA and evaluation of metabolic effects in goats fed genetically modified soybean and in their offspring	Animal: An International Journal of Animal Bioscience	4	1662-1671	<a href="http://dx.doi.org/10.1017/s1751731110000728">http://dx.doi.org/10.1017/s1751731110000728</a>
Consumption	Wilcks A, Jacobsen B	2010	Lack of detectable DNA uptake by transformation of selected recipients in mono-associated rats	BMC Research Notes	3		<a href="http://dx.doi.org/10.1186/1756-0500-3-49">http://dx.doi.org/10.1186/1756-0500-3-49</a>
Consumption	Wu J, An Y, Yao J, Wang Y, Tang H	2010	An optimised sample preparation method for NMR-based faecal metabonomic analysis	Analyst	135	1023-1030	<a href="http://dx.doi.org/10.1039/b927543f">http://dx.doi.org/10.1039/b927543f</a>
Consumption	Yonemochi C, Suga K, Harada C, Hanazumi M	2010	Reevaluation of transgenic event CBH 351 (StarLink) corn in pig	Animal Science Journal	81	94-101	<a href="http://dx.doi.org/10.1111/j.1740-0929.2009.00718.x">http://dx.doi.org/10.1111/j.1740-0929.2009.00718.x</a>
Consumption	Adel-Patient K, Guimaraes VD, Paris A, Drumare M-F, Ah-Leung S, Lamourette P, Nevers M-C, Canlet C, Molina J, Bernard H, Créminon C, Wal J-M	2011	Immunological and Metabolic Impacts of Administration of Cry1Ab Protein and MON 810 Maize in Mouse	Immunological and Metabolic Impacts of Administration of Cry1Ab Protein and MON 810 Maize in Mouse	6		<a href="http://dx.doi.org/10.1371/journal.pone.0016346">http://dx.doi.org/10.1371/journal.pone.0016346</a>
Consumption	Altenbach SB, Allen PV	2011	Transformation of the US bread wheat 'Butte 86' and silencing of omega-5 gliadin genes	GM crops	2	66-73	<a href="http://dx.doi.org/10.4161/gmcr.2.1.15884">http://dx.doi.org/10.4161/gmcr.2.1.15884</a>
Consumption	Brouk MJ, Cvetkovic B, Rice DW, Smith BL, Hinds MA, Owens FN, Iiams C, Sauber TE	2011	Performance of lactating dairy cows fed corn as whole plant silage and grain produced from genetically modified corn containing event DAS-59122-7 compared to a nontransgenic, near-isogenic control	Journal of Dairy Science	94	1961-1966	<a href="http://dx.doi.org/10.3168/jds.2010-3477">http://dx.doi.org/10.3168/jds.2010-3477</a>
Consumption	Cao S, Xu W, Luo Y, He X, Yuan Y, Ran W, Liang L, Huang K	2011	Metabonomics study of transgenic Bacillus thuringiensis rice (TZA-1) meal in a 90-day dietary toxicity study in rats	Molecular BioSystems	7	2304-2310	<a href="http://dx.doi.org/10.1039/c1mb05076a">http://dx.doi.org/10.1039/c1mb05076a</a>

Consumption	Delgado JE, Wolt JD	2011	Fumonisin B1 toxicity in grower-finisher pigs: a comparative analysis of genetically engineered Bt corn and non-Bt corn by using quantitative dietary exposure assessment modeling	International journal of environmental research and public health	8	3179-3190	<a href="http://dx.doi.org/10.3390/ijerph8083179">http://dx.doi.org/10.3390/ijerph8083179</a>
Consumption	Domingo JL, Giné Bordonaba J	2011	A literature review on the safety assessment of genetically modified plants	Environment International	37	734-742	<a href="http://dx.doi.org/10.1016/j.envint.2011.01.003">http://dx.doi.org/10.1016/j.envint.2011.01.003</a>
Consumption	Fermin G, Keith RC, Suzuki JY, Ferreira SA, Gaskill DA, Plitz KY, Manshardt RM, Gonsalves D, Tripathi S	2011	Allergenicity Assessment of the Papaya Ringspot Virus Coat Protein Expressed in Transgenic Rainbow Papaya	Journal of agricultural and food chemistry	59	10006-10012	<a href="http://dx.doi.org/10.1021/jf201194r">http://dx.doi.org/10.1021/jf201194r</a>
Consumption	Goodman RE, Tetteh AO	2011	Suggested Improvements for the Allergenicity Assessment of Genetically Modified Plants Used in Foods	Current Allergy and Asthma Reports	11	317-324	<a href="http://dx.doi.org/10.1007/s11882-011-0195-6">http://dx.doi.org/10.1007/s11882-011-0195-6</a>
Consumption	Gruber H, Paul V, Guertler P, Spietkors H, Tichopad A, Meyer FHD, Müller M	2011	Fate of Cry1Ab Protein in Agricultural Systems under Slurry Management of Cows Fed Genetically Modified Maize (Zea mays L.) MON810: A Quantitative Assessment	J. Agric. Food Chem.	59	1735-1744	<a href="http://dx.doi.org/10.1021/jf200854n">http://dx.doi.org/10.1021/jf200854n</a>
Consumption	Hammond BG, Jez JM	2011	Impact of food processing on the safety assessment for proteins introduced into biotechnology-derived soybean and corn crops	Food and Chemical Toxicology	49	711-721	<a href="http://dx.doi.org/10.1016/j.fct.2010.12.009">http://dx.doi.org/10.1016/j.fct.2010.12.009</a>
Consumption	Herman EM, Burks AW	2011	The impact of plant biotechnology on food allergy	Current Opinion in Biotechnology	22	224-230	<a href="http://dx.doi.org/10.1016/j.copbio.2010.11.003">http://dx.doi.org/10.1016/j.copbio.2010.11.003</a>
Consumption	Herman RA, Dunville CM, Juberg DR, Fletcher DW, Cromwell GL	2011	Performance of broiler chickens fed event DAS-40278-9 maize containing the arylglycoalkanoate dioxygenase-1 protein	Regulatory toxicology and pharmacology. RTP	60	296-299	<a href="http://dx.doi.org/10.1016/j.yrtph.2011.04.004">http://dx.doi.org/10.1016/j.yrtph.2011.04.004</a>
Consumption	Herman RA, Dunville CM, Juberg DR, Fletcher DW, Cromwell GL	2011	Performance of broiler chickens fed diets containing DAS-68416-4 soybean meal	GM crops	2	169-175	<a href="http://dx.doi.org/10.4161/gmcr.2.3.17869">http://dx.doi.org/10.4161/gmcr.2.3.17869</a>
Consumption	Herman RA, Ladics GS	2011	Endogenous allergen upregulation: Transgenic vs. traditionally bred crops	Food and Chemical Toxicology	49	2667-2669	<a href="http://dx.doi.org/10.1016/j.fct.2011.07.018">http://dx.doi.org/10.1016/j.fct.2011.07.018</a>
Consumption	Krishnan HB, Jang S, Kim W-S, Kerley MS, Oliver MJ, Trick HN	2011	Biofortification of Soybean Meal: Immunological Properties of the 27 kDa γ-Zein	J. Agric. Food Chem.	59	1223-1228	<a href="http://dx.doi.org/doi: 10.1021/jf103613s">http://dx.doi.org/doi: 10.1021/jf103613s</a>
Consumption	Ladics GS, Cressman RF, Herouet-Guichenehy C, Herman RA, Privalle L, Song P, Ward JM, McClain S	2011	Bioinformatics and the allergy assessment of agricultural biotechnology products: Industry practices and recommendations	Regulatory Toxicology and Pharmacology	60	46-53	<a href="http://dx.doi.org/10.1016/j.yrtph.2011.02.004">http://dx.doi.org/10.1016/j.yrtph.2011.02.004</a>
Consumption	McNaughton J, Roberts M, Rice D, Smith B, Hinds M, Delaney B, Iiams C, Sauber T	2011	Nutritional equivalency evaluation of transgenic maize grain from event DP-O9814O-6 and transgenic soybeans containing event DP-356O43-5: laying hen performance and egg quality measures	Poultry Science	90	377-389	<a href="http://dx.doi.org/10.3382/ps.2010-00973">http://dx.doi.org/10.3382/ps.2010-00973</a>
Consumption	McNaughton J, Roberts M, Rice D, Smith B, Hinds M, Delaney B, Iiams C, Sauber T	2011	Comparison of broiler performance and carcass yields when fed transgenic maize grain containing event DP-O9814O-6 and processed fractions from transgenic soybeans containing event DP-356O43-5	Poultry Science	90	1701-1711	<a href="http://dx.doi.org/10.3382/ps.2010-00917">http://dx.doi.org/10.3382/ps.2010-00917</a>
Consumption	Randhawa GJ, Singh M, Grover M	2011	Bioinformatic analysis for allergenicity assessment of Bacillus thuringiensis Cry proteins expressed in insect-resistant food crops	Food and Chemical Toxicology	49	356-362	<a href="http://dx.doi.org/10.1016/j.fct.2010.11.008">http://dx.doi.org/10.1016/j.fct.2010.11.008</a>
Consumption	Rennen MAJ, Koster S, Krul CAM, Houben GF	2011	Application of the threshold of toxicological concern (TTC) concept to the safety assessment of chemically complex food matrices	Food and Chemical Toxicology	49	933-940	<a href="http://dx.doi.org/10.1016/j.fct.2010.12.017">http://dx.doi.org/10.1016/j.fct.2010.12.017</a>
Consumption	Sharma P, Singh AK, Singh BP, Gaur SN, Arora N	2011	Allergenicity Assessment of Osmotin, a Pathogenesis-Related Protein, Used for Transgenic Crops	Journal of agricultural and food chemistry	59	9990-9995	<a href="http://dx.doi.org/10.1021/jf202265d">http://dx.doi.org/10.1021/jf202265d</a>

Consumption	Sessener NH, Hemre G-L, Lal SP, Sagstad A, Petersen K, Williams J, Rohloff J, Sanden M	2011	Are Apparent Negative Effects of Feeding GM MON810 Maize to Atlantic Salmon, Saimo Salar, Caused by Confounding Factors?	British Journal of Nutrition	106	42-56	<a href="http://dx.doi.org/10.1017/s0007114510005726">http://dx.doi.org/10.1017/s0007114510005726</a>
Consumption	Tripathi MK, Mondal D, Somvanshi R, Karim SA	2011	Haematology, blood biochemistry and tissue histopathology of lambs maintained on diets containing an insect controlling protein (Cry1Ac) in Bt-cottonseed	Journal of Animal Physiology and Animal Nutrition	95	545-555	<a href="http://dx.doi.org/10.1111/j.1439-0396.2010.01081.x">http://dx.doi.org/10.1111/j.1439-0396.2010.01081.x</a>
Consumption	Verma AK, Misra A, Subash S, Das M, Dwivedi PD	2011	Computational allergenicity prediction of transgenic proteins expressed in genetically modified crops	Immunopharmacology and Immunotoxicology	33	410-422	<a href="http://dx.doi.org/doi:10.3109/08923973.2010.523704">http://dx.doi.org/doi:10.3109/08923973.2010.523704</a>
Consumption	Walsh MC, Buzoianu SG, Gardiner GE, Rea MC, Gelencsér E, János A, Epstein MM, Ross RP, Lawlor PG	2011	Fate of Transgenic DNA from Orally Administered Bt MON810 Maize and Effects on Immune Response and Growth in Pigs	PLoS ONE	6		<a href="http://dx.doi.org/10.1371/journal.pone.0027177">http://dx.doi.org/10.1371/journal.pone.0027177</a>
Consumption	Xu W, Li L, Lu J, Luo Y, Shang Y, Huang K	2011	Analysis of Caecal Microbiota in Rats Fed with Genetically Modified Rice by Real - Time Quantitative PCR	Journal of Food Science	76	M88-M93	<a href="http://dx.doi.org/10.1111/j.1750-3841.2010.01967.x">http://dx.doi.org/10.1111/j.1750-3841.2010.01967.x</a>
Consumption	Yuan Y, Xu W, Luo Y, Liu H, Lu J, Su C, Huang K	2011	Effects of genetically modified T2A - 1 rice on faecal microflora of rats during 90 day supplementation	Journal of the Science of Food and Agriculture	91	2066-2072	<a href="http://dx.doi.org/10.1002/jsfa.4421">http://dx.doi.org/10.1002/jsfa.4421</a>
Consumption	Zhang W, Shi F	2011	Do genetically modified crops affect animal reproduction? A review of the ongoing debate	Animal: An International Journal of Animal Bioscience	5	1048-1059	<a href="http://dx.doi.org/10.1017/s1751731110002776">http://dx.doi.org/10.1017/s1751731110002776</a>
Consumption	Zhou XH, Dong Y, Xiao X, Wang Y, Xu Y, Xu B, Shi WD, Zhang Y, Zhu LJ, Liu QQ	2011	A 90-day toxicology study of high-amylose transgenic rice grain in Sprague-Dawley rats	Food and chemical toxicology: an international journal published for the British Industrial Biological Research Association	49	3112-3118	<a href="http://dx.doi.org/10.1016/j.fct.2011.09.024">http://dx.doi.org/10.1016/j.fct.2011.09.024</a>
Consumption	Zhu L, Gu M, Meng X, Cheung SCK, Yu H, Huang J, Sun Y, Shi Y, Liu Q	2011	High - amylose rice improves indices of animal health in normal and diabetic rats	Plant Biotechnology Journal			<a href="http://dx.doi.org/10.1111/j.1467-7652.2011.00667.x">http://dx.doi.org/10.1111/j.1467-7652.2011.00667.x</a>
Consumption	Buzoianu SG, Walsh MC, Rea MC, Cassidy JP, Ross RP, Gardiner GE, Lawlor PG	2012	Effect of feeding genetically modified Bt MON810 maize to -40-day-old pigs for 110 days on growth and health indicators	Animal: An International Journal of Animal Bioscience	6	1609-1619	<a href="http://dx.doi.org/10.1017/s1751731112000249">http://dx.doi.org/10.1017/s1751731112000249</a>
Consumption	Buzoianu SG, Walsh MC, Rea MC, Cassidy JP, Ryan TP, Ross RP, Gardiner GE, Lawlor PG	2012	Trans-generational effects of feeding genetically modified maize to nulliparous sows and offspring on offspring growth and health	Journal of Animal Science			<a href="http://dx.doi.org/10.2527/jas.2012-5360">http://dx.doi.org/10.2527/jas.2012-5360</a>
Consumption	Buzoianu SG, Walsh MC, Rea MC, O'Donovan O, Gelencsér E, Ujhelyi G, Szabó E, Nagy A, Ross RP, Gardiner GE, Lawlor PG	2012	Effects of Feeding Bt Maize to Sows during Gestation and Lactation on Maternal and Offspring Immunity and Fate of Transgenic Material	PLoS ONE	7		<a href="http://dx.doi.org/10.1371/journal.pone.0047851">http://dx.doi.org/10.1371/journal.pone.0047851</a>
Consumption	Buzoianu SG, Walsh MC, Rea MC, O'Sullivan O, Cotter PD, Ross RP, Gardiner GE, Lawlor PG	2012	High-throughput sequence-based analysis of the intestinal microbiota of weaning pigs fed genetically modified MON810 maize expressing Bacillus thuringiensis Cry1Ab (Bt maize) for 31 days	Applied and Environmental Microbiology	78	4217-4224	<a href="http://dx.doi.org/10.1128/aem.00307-12">http://dx.doi.org/10.1128/aem.00307-12</a>
Consumption	Buzoianu SG, Walsh MC, Rea MC, O'Sullivan O, Crispie F, Cotter PD, Ross RP, Gardiner GE, Lawlor PG	2012	The effect of feeding Bt MON810 maize to pigs for 110 days on intestinal microbiota	PLoS ONE	7		<a href="http://dx.doi.org/10.1371/journal.pone.0033668">http://dx.doi.org/10.1371/journal.pone.0033668</a>
Consumption	Cao S, He X, Xu W, Luo Y, Yuan Y, Liu P, Cao B, Shi H, Huang K	2012	Safety assessment of transgenic Bacillus thuringiensis rice T1c-19 in Sprague-Dawley rats from metabolomics and bacterial profile perspectives	IJBMB Life	64	242-250	<a href="http://dx.doi.org/10.1002/iub.601">http://dx.doi.org/10.1002/iub.601</a>
Consumption	Chukwudebe A, Privalle L, Reed A, Wandelt C, Contri D, Dammann M, Groeters S, Kaspers J, Strauss V, van Ravenzwaay B	2012	Health and nutritional status of Wistar rats following subchronic exposure to CV127 soybeans	Food and chemical toxicology: an international journal published for the British Industrial Biological Research Association	50	956-971	<a href="http://dx.doi.org/10.1016/j.fct.2011.11.034">http://dx.doi.org/10.1016/j.fct.2011.11.034</a>
Consumption	Chung YJ, Ronsmans S, Crevel RWR, Houben GF, Rona RJ, Ward R, Baka A	2012	Application of scientific criteria to food allergens of public health importance	Regulatory toxicology and pharmacology: RTP	64	315-323	<a href="http://dx.doi.org/10.1016/j.yrtph.2012.07.009">http://dx.doi.org/10.1016/j.yrtph.2012.07.009</a>

Consumption	Fonseca C, Planchon S, Renaud J, Oliveira MM, Batista R	2012	Characterization of maize allergens - MON810 vs. its non-transgenic counterpart	Journal of proteomics	75	2027-2037	<a href="http://dx.doi.org/10.1016/j.jprot.2012.01.005">http://dx.doi.org/10.1016/j.jprot.2012.01.005</a>
Consumption	Gendel SM	2012	The Regulatory Challenge of Food Allergens	Journal of agricultural and food chemistry			<a href="http://dx.doi.org/10.1021/jf302539a">http://dx.doi.org/10.1021/jf302539a</a>
Consumption	Harper B, McClain S, Ganko EW	2012	Interpreting the biological relevance of bioinformatic analyses with T-DNA sequence for protein allergenicity	Regulatory Toxicology and Pharmacology	63	426-432	<a href="http://dx.doi.org/10.1016/j.yrtph.2012.05.014">http://dx.doi.org/10.1016/j.yrtph.2012.05.014</a>
Consumption	Liu P, He X, Chen D, Luo Y, Cao S, Song H, Liu T, Huang K, Xu W	2012	A 90-day subchronic feeding study of genetically modified maize expressing Cry1Ac-M protein in Sprague-Dawley rats	Food and chemical toxicology: an international journal published for the British Industrial Biological Research Association	50	3215-3221	<a href="http://dx.doi.org/10.1016/j.fct.2012.06.009">http://dx.doi.org/10.1016/j.fct.2012.06.009</a>
Consumption	Madduri KM, Schafer BW, Hasler JM, Lin G, Foster ML, Embrey SK, Sastry-Dent L, Song P, Larrinua JM, Gachotte DJ, Herman RA	2012	Preliminary safety assessment of a membrane-bound delta 9 desaturase candidate protein for transgenic oilseed crops	Food and Chemical Toxicology	50	3776-3784	<a href="http://dx.doi.org/10.1016/j.fct.2012.07.013">http://dx.doi.org/10.1016/j.fct.2012.07.013</a>
Consumption	Mishra A, Gaur SN, Singh BF, Arora N	2012	In silico assessment of the potential allergenicity of transgenes used for the development of GM food crops	Food and Chemical Toxicology	50	1334-1339	<a href="http://dx.doi.org/10.1016/j.fct.2012.02.005">http://dx.doi.org/10.1016/j.fct.2012.02.005</a>
Consumption	Misra A, Kumar S, Verma AK, Chanana N, Das M, Dhawan V, Dwivedi PD	2012	Safety evaluation of genetically modified mustard (V4) seeds in terms of allergenicity: Comparison with native crop	GM crops & food	3		<a href="http://dx.doi.org/10.4161/gmcr.20191">http://dx.doi.org/10.4161/gmcr.20191</a>
Consumption	Nordgård L, Brusetti L, Raddadi N, Traavik T, Aaverhoff B, Nielsen KM	2012	An investigation of horizontal transfer of feed introduced DNA to the aerobic microbiota of the gastrointestinal tract of rats	BMC Research Notes	5		<a href="http://dx.doi.org/10.1186/1756-0500-5-170">http://dx.doi.org/10.1186/1756-0500-5-170</a>
Consumption	Podévin N, du Jardin P	2012	Possible consequences of the overlap between the CaMV 35S promoter regions in plant transformation vectors used and the viral gene VI in transgenic plants	GM crops & food	3		<a href="http://dx.doi.org/10.4161/gmcr.21406">http://dx.doi.org/10.4161/gmcr.21406</a>
Consumption	Qi X, He X, Luo Y, Li S, Zou S, Cao S, Tang M, Delaney B, Xu W, Huang K	2012	Subchronic feeding study of stacked trait genetically-modified soybean (325423 x 40-3-2) in Sprague-Dawley rats	Food and chemical toxicology: an international journal published for the British Industrial Biological Research Association	50	3256-3263	<a href="http://dx.doi.org/10.1016/j.fct.2012.06.052">http://dx.doi.org/10.1016/j.fct.2012.06.052</a>
Consumption	Rizzi A, Raddadi N, Sorfini C, Nordgrd L, Nielsen KM, Daffonchio D	2012	The Stability and Degradation of Dietary DNA in the Gastrointestinal Tract of Mammals: Implications for Horizontal Gene Transfer and the Biosafety of GMOs	Critical Reviews in Food Science and Nutrition	52	142-161	<a href="http://dx.doi.org/10.1080/10408398.2010.499480">http://dx.doi.org/10.1080/10408398.2010.499480</a>
Consumption	Séralini G-E, Clair E, Mesnage R, Gress S, Defarge N, Malatesta M, Hennequin D, de Vendôme JS	2012	Long term toxicity of a Roundup herbicide and a Roundup-tolerant genetically modified maize	Food and Chemical Toxicology			<a href="http://dx.doi.org/10.1016/j.fct.2012.08.005">http://dx.doi.org/10.1016/j.fct.2012.08.005</a>
Consumption	Snell C, Bernheim A, Bergé J-B, Kuntz M, Pascal G, Paris A, Ricrocq AE	2012	Assessment of the health impact of GM plant diets in long-term and multigenerational animal feeding trials: A literature review	Food and Chemical Toxicology	50	1134-1148	<a href="http://dx.doi.org/10.1016/j.fct.2011.11.048">http://dx.doi.org/10.1016/j.fct.2011.11.048</a>
Consumption	Stagg NJ, Thomas J, Herman RA, Juberg DR	2012	Acute and 28-day repeated dose toxicology studies in mice with arylalkanoate dioxygenase (AAD-1) protein expressed in 2,4-D tolerant DAS-40278-9 maize	Regulatory toxicology and pharmacology: RTP	62	363-370	<a href="http://dx.doi.org/10.1016/j.yrtph.2011.10.018">http://dx.doi.org/10.1016/j.yrtph.2011.10.018</a>
Consumption	Stevenson SE, Woods CA, Hong B, Kong X, Thelen JJ, Ladics GS	2012	Environmental Effects on Allergen Levels in Commercially Grown Non-Genetically Modified Soybeans: Assessing Variation Across North America	Frontiers in Plant Science	3		<a href="http://dx.doi.org/10.3389/fpls.2012.00196">http://dx.doi.org/10.3389/fpls.2012.00196</a>
Consumption	Tang M, Xie T, Cheng W, Qian L, Yang S, Yang D, Cui W, Li K	2012	A 90-day safety study of genetically modified rice expressing rhtGF-1 protein in C57BL/6J rats	Transgenic Research	21	499-510	<a href="http://dx.doi.org/10.1007/s11248-011-9550-6">http://dx.doi.org/10.1007/s11248-011-9550-6</a>
Consumption	Udenigwe CC, Aluko RE	2012	Food Protein-Derived Bioactive Peptides: Production, Processing, and Potential Health Benefits	Journal of Food Science	77	R11-R24	<a href="http://dx.doi.org/10.1111/j.1750-3841.2011.02455.x">http://dx.doi.org/10.1111/j.1750-3841.2011.02455.x</a>

Consumption	Venância VP, Silva JPL, Almeida AA, Brigagão MRPL, Azevedo L	2012	Conventional (MG-BR46 Conquista) and transgenic (BRS Valiosa RR) soybeans have no mutagenic effects and may protect against induced-DNA damage in vivo	Nutrition and cancer	64	725-731	<a href="http://dx.doi.org/10.1080/01635581.2012.687677">http://dx.doi.org/10.1080/01635581.2012.687677</a>
Consumption	Walsh MC, Buzoianu SG, Gardiner GE, Rea MC, Ross RP, Cassidy JP, Lawlor PG	2012	Effects of short-term feeding of Bt MON810 maize on growth performance, organ morphology and function in pigs	The British journal of nutrition	107	364-371	<a href="http://dx.doi.org/10.1017/s0007114511003011">http://dx.doi.org/10.1017/s0007114511003011</a>
Consumption	Walsh MC, Buzoianu SG, Rea MC, O'Donovan O, Gelencsér E, Újhelyi G, Ross RP, Gardiner GE, Lawlor PG	2012	Effects of feeding Bt MON810 maize to pigs for 110 days on peripheral immune response and digestive fate of the cry1Ab gene and truncated Bt toxin	PLoS ONE	7		<a href="http://dx.doi.org/10.1371/journal.pone.0036141">http://dx.doi.org/10.1371/journal.pone.0036141</a>
Consumption	Weber N, Halpin C, Hannah LC, Jez JM, Kough J, Parrott W	2012	Crop Genome Plasticity and Its Relevance to Food and Feed Safety of Genetically Engineered Breeding Stacks	Plant Physiology			<a href="http://dx.doi.org/10.1104/pp.112.204271">http://dx.doi.org/10.1104/pp.112.204271</a>
Consumption	Young GJ, Zhang S, Mirsky HP, Cressman RF, Cong B, Ladics GS, Zhong CX	2012	Assessment of possible allergenicity of hypothetical ORFs in common food crops using current bioinformatic guidelines and its implications for the safety assessment of GM crops	Food and Chemical Toxicology	50	3741-3751	<a href="http://dx.doi.org/10.1016/j.fct.2012.07.044">http://dx.doi.org/10.1016/j.fct.2012.07.044</a>
Consumption	Zhang L, Hou D, Chen X, Li D, Zhu L, Zhang Y, Li J, Bian X, Liang X, Cai X, Yin Y, Wang C, Zhang T, Zhu D, Zhang D, Xu J, Chen Q, Ba Y, Liu J, Wang Q, Chen J, Wang J, Wang M, Zhang Q, Zhang J, Zen K, Zhang C-Y	2012	Exogenous plant MIR168a specifically targets mammalian LDLRAP1: evidence of cross-kingdom regulation by microRNA	Cell Research	22	107-126	<a href="http://dx.doi.org/10.1038/cr.2011.158">http://dx.doi.org/10.1038/cr.2011.158</a>
Consumption	Zhang Y, Wiggins BE, Lawrence C, Patrick J, Ivashuta S, Heck G	2012	Analysis of plant-derived miRNAs in animal small RNA datasets	BMC Genomics	13	381-381	<a href="http://dx.doi.org/10.1186/1471-2164-13-381">http://dx.doi.org/10.1186/1471-2164-13-381</a>
Consumption	Zhou XH, Dong Y, Wang Y, Xiao X, Xu Y, Xu B, Li X, Wei XS, Liu QQ	2012	A three generation study with high-lysine transgenic rice in Sprague-Dawley rats	Food and chemical toxicology: an international journal published for the British Industrial Biological Research Association	50	1902-1910	<a href="http://dx.doi.org/10.1016/j.fct.2012.04.001">http://dx.doi.org/10.1016/j.fct.2012.04.001</a>
Consumption	Zhu Y, He X, Luo Y, Zou S, Zhou X, Huang K, Xu W	2012	A 90-day feeding study of glyphosate-tolerant maize with the G2-aroA gene in Sprague-Dawley rats	Food and chemical toxicology: an international journal published for the British Industrial Biological Research Association	51C	280-287	<a href="http://dx.doi.org/10.1016/j.fct.2012.09.008">http://dx.doi.org/10.1016/j.fct.2012.09.008</a>
Consumption	Zurzolo GA, Mathai ML, Koplin JJ, Allen KJ	2012	Hidden allergens in foods and implications for labelling and clinical care of food allergic patients	Current Allergy and Asthma Reports	12	292-296	<a href="http://dx.doi.org/10.1007/s11882-012-0263-6">http://dx.doi.org/10.1007/s11882-012-0263-6</a>
Consumption	Petrick JS, Brower-Toland B, Jackson AL, Kier LD	2013	Safety assessment of food and feed from biotechnology-derived crops employing RNA-mediated gene regulation to achieve desired traits: A scientific review	Regulatory toxicology and pharmacology	66	167-176	<a href="http://dx.doi.org/10.1016/j.yrtph.2013.03.008">http://dx.doi.org/10.1016/j.yrtph.2013.03.008</a>
Traceability	Aarts HJM, Rie J-PPFv, Kok EJ	2002	Traceability of genetically modified organisms	Expert Rev Mol Diagn	2	69-77	<a href="http://dx.doi.org/10.1586/14737159.2.1.69">http://dx.doi.org/10.1586/14737159.2.1.69</a>
Traceability	Anklam E, Neumann DA	2002	Method development in relation to regulatory requirements for detection of GMOs in the food chain	Journal of AOAC International	85	754-756	
Traceability	Bertheau Y, Dolez A, Kobilinsky A, Magin K	2002	Detection methods and performance criteria for genetically modified organisms	Journal of AOAC International	85	801-808	
Traceability	Brodmann PD, Ilg EC, Berthoud H, Herrmann A	2002	Real-time quantitative polymerase chain reaction methods for four genetically modified maize varieties and maize DNA content in food	Journal of AOAC International	85	646-653	
Traceability	Brookes G	2002	Identity preservation of genetically modified organisms in the food chain: requirements, methods, and costs	Journal of AOAC International	85	762-767	
Traceability	Kok EJ, Aarts HJM, Van Hoef AMA, Kuiper HA, Orlandi PA, Lampel KA, South PK, Assar SK, Carter L, Levy DD	2002	DNA methods: critical review of innovative approaches	Journal of AOAC International	85	797-800	
Traceability	Orlandi PA, Lampel KA, South PK, Assar SK, Carter L, Levy DD	2002	Analysis of Flour and Food Samples for cry9C from Bioengineered Corn	Journal of Food Protection	65	426-431	

Traceability	Permingeat HR, Reggiardo M, Vallejos RH	2002	Detection and quantification of transgenes in grains by multiplex and real-time PCR	Journal of agricultural and food chemistry	50	4431-4436	
Traceability	Stave JW	2002	Protein immunoassay methods for detection of biotech crops: applications, limitations, and practical considerations	Journal of AOAC International	85	780-786	
Traceability	Terry CF, Harris N, Parkes HC	2002	Detection of genetically modified crops and their derivatives: critical steps in sample preparation and extraction	Journal of AOAC International	85	768-774	
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Traceability	Van den Eede G, Kay S, Anklam E, Schimmel H	2002	Analytical challenges: bridging the gap from regulation to enforcement	Journal of AOAC International	85	757-761	
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Traceability	Wiseman G	2002	State of the art and limitations of quantitative polymerase chain reaction	Journal of AOAC International	85	792-796	
Traceability	Bauer T, Weller P, Hammes WP, Hertel C	2003	The effect of processing parameters on DNA degradation in food	European Food Research and Technology	217	338-343	<a href="http://dx.doi.org/10.1007/s00217-003-0743-y">http://dx.doi.org/10.1007/s00217-003-0743-y</a>
Traceability	Hernández M, Rodríguez-Lázaro D, Esteve T, Prat S, Pla M	2003	Development of melting temperature-based SYBR Green I polymerase chain reaction methods for multiplex genetically modified organism detection	Analytical Biochemistry	323	164-170	<a href="http://dx.doi.org/doi:10.1016/j.ab.2003.07.015">http://dx.doi.org/doi:10.1016/j.ab.2003.07.015</a>
Traceability	Holst-Jensen A, Rønning SB, Løvseth A, Berdal KG	2003	PCR technology for screening and quantification of genetically modified organisms (GMOs)	Analytical and Bioanalytical Chemistry	375	985-993	<a href="http://dx.doi.org/10.1007/s00216-003-1767-7">http://dx.doi.org/10.1007/s00216-003-1767-7</a>
Traceability	Homola J	2003	Present and future of surface plasmon resonance biosensors	Analytical and Bioanalytical Chemistry	377	528-539	<a href="http://dx.doi.org/10.1007/s00216-003-2101-0">http://dx.doi.org/10.1007/s00216-003-2101-0</a>
Traceability	James D, Schmidt A-m, Wall E, Green M, Masri S	2003	Reliable Detection and Identification of Genetically Modified Maize, Soybean, and Canola by Multiplex PCR Analysis	J. Agric. Food Chem.	51	5829-5834	<a href="http://dx.doi.org/10.1021/jf0341159">http://dx.doi.org/10.1021/jf0341159</a>
Traceability	Kharazmi M, Bauer T, Hammes WP, Hertel C	2003	Effect of Food Processing on the Fate of DNA with Regard to Degradation and Transformation Capability in <i>Bacillus subtilis</i>	Systematic and Applied Microbiology	26	495-501	<a href="http://dx.doi.org/10.1078/072320203770865774">http://dx.doi.org/10.1078/072320203770865774</a>
Traceability	Mannelli I, Minunni M, Tombelli S, Mascini M	2003	Quartz crystal microbalance (QCM) affinity biosensor for genetically modified organisms (GMOs) detection	Biosensors and Bioelectronics	18	129-140	<a href="http://dx.doi.org/10.1016/s0956-5663(02)00166-5">http://dx.doi.org/10.1016/s0956-5663(02)00166-5</a>
Traceability	Poms RE, Hochsteiner W, Luger K, Glössl J, Foissy H	2003	Model studies on the detectability of genetically modified feeds in milk	Journal of Food Protection	66	304-310	
Traceability	Rudi K, Rud I, Holck A	2003	A novel multiplex quantitative DNA array based PCR (MQDA-PCR) for quantification of transgenic maize in food and feed	Nucleic Acids Research	31	e62-e62	
Traceability	Su W, Song S, Long M, Liu G	2003	Multiplex polymerase chain reaction/membrane hybridization assay for detection of genetically modified organisms	Journal of Biotechnology	105	227-233	<a href="http://dx.doi.org/10.1016/j.jbiotec.2003.07.001">http://dx.doi.org/10.1016/j.jbiotec.2003.07.001</a>
Traceability	Bauer T, Hammes WP, Haase NU, Hertel C	2004	Effect of food components and processing parameters on DNA degradation in food	Environmental Biosafety Research	3	215-223	
Traceability	Bordoni R, Mezzelani A, Consolandi C, Frosini A, Rizzi E, Castiglioni B, Salati C, Marmiroli N, Marchelli R, Rossi Bernardi L, Battaglia C, De Bellis G	2004	Detection and Quantification of Genetically Modified Maize (Bt-176 Transgenic Maize) by Applying Ligation Detection Reaction and Universal Array Technology	J. Agric. Food Chem.	52	1049-1054	<a href="http://dx.doi.org/10.1021/jf034871e">http://dx.doi.org/10.1021/jf034871e</a>
Traceability	European C	2004	COMMISSION RECOMMENDATION of 4 October 2004 on technical guidance for sampling and detection of genetically modified organisms and material produced from genetically modified organisms as or in products in the context of Regulation (EC) No 1831/2003	Off J Eur Union	348	18-26	

Traceability	Gachon C.,Mingam A,Charrier B	2004	Real-time PCR: what relevance to plant studies?	Journal of Experimental Botany	55	1445-1454	<a href="http://dx.doi.org/10.1093/jxb/erh181">http://dx.doi.org/10.1093/jxb/erh181</a>
Traceability	Germini A,Zanetti A,Salati C,Rossi S,Forré C,Schmid S,Marcellini R	2004	Development of a Seven-Target Multiplex PCR for the Simultaneous Detection of Transgenic Soybean and Maize in Feeds and Foods	J. Agric. Food Chem.	52	3275-3280	<a href="http://dx.doi.org/10.1021/jf035052x">http://dx.doi.org/10.1021/jf035052x</a>
Traceability	Giovannoli C,Anfossi L,Tozzi C,Giraudi G,Vanni A	2004	DNA separation by capillary electrophoresis with hydrophilic substituted celluloses as coating and sieving polymers. Application to the analysis of genetically modified meals	Journal of Separation Science	27	1551-1556	
Traceability	Glynnou K,Ioannou PC,Christopoulos TK	2004	Detection of transgenes in soybean via a polymerase chain reaction and a simple bioluminometric assay based on a universal acquirin-labeled oligonucleotide probe	Analytical and Bioanalytical Chemistry	378	1748-1753	<a href="http://dx.doi.org/10.1007/s00216-004-2507-3">http://dx.doi.org/10.1007/s00216-004-2507-3</a>
Traceability	Hernández M,Duplan M-N,Berthier G,Vaillingom M,Hauser W,Freyer R,Pla M,Bertheau Y	2004	Development and Comparison of Four Real-Time Polymerase Chain Reaction Systems for Specific Detection and Quantification of Zea mays L	J. Agric. Food Chem.	52	4632-4637	<a href="http://dx.doi.org/10.1021/jf049789d">http://dx.doi.org/10.1021/jf049789d</a>
Traceability	Holst-Jensen A,Berdal KG	2004	The modular analytical procedure and validation approach and the units of measurement for genetically modified materials in foods and feeds	Journal of AOAC International	87	927-936	
Traceability	Hou Y,Tiili C,Jaffrezic-Renault N,Zhang A,Martelet C,Ponsonnet L,Errachid A,samitier J,Bausells J	2004	Study of mixed Langmuir-Blodgett films of immunoglobulin G/amphiphile and their application for immunosensor engineering	Biosensors and Bioelectronics	20	1126-1133	<a href="http://dx.doi.org/10.1016/j.bios.2004.05.017">http://dx.doi.org/10.1016/j.bios.2004.05.017</a>
Traceability	Liu J,Xing D,Shen X,Zhu D	2004	Detection of genetically modified organisms by electrochemiluminescence PCR method	Biosensors and Bioelectronics	20	436-441	<a href="http://dx.doi.org/10.1016/j.bios.2004.03.030">http://dx.doi.org/10.1016/j.bios.2004.03.030</a>
Traceability	Miraglia M,Berdal KG,Brera C,Corbisier P,Holst-Jensen A,Kok E,J,Marvin H-J,P,Schimmel H,Rentsch J,van Rie J,PPF,Zagon J	2004	Detection and traceability of genetically modified organisms in the food production chain	Food and Chemical Toxicology	42	1157-1180	<a href="http://dx.doi.org/10.1016/j.fct.2004.02.018">http://dx.doi.org/10.1016/j.fct.2004.02.018</a>
Traceability	Obeid P,J,Christopoulos TK,Ioannou PC	2004	Rapid analysis of genetically modified organisms by in - house developed capillary electrophoresis chip and laser - induced fluorescence system	ELECTROPHORESIS	25	922-930	<a href="http://dx.doi.org/10.1002/elps.200305772">http://dx.doi.org/10.1002/elps.200305772</a>
Traceability	Quirasco M,Schoel B,Plasencia J,Fagan J,Galvez A	2004	Suitability of real-time quantitative polymerase chain reaction and enzyme-linked immunosorbent assay for cry9C detection in Mexican corn tortillas: fate of DNA and protein after alkaline cooking	Journal of AOAC International	87	639-646	
Traceability	Rho JK, Lee T, Jung S-I, Kim T-S, Park Y-H, Kim Y-M	2004	Qualitative and Quantitative PCR Methods for Detection of Three Lines of Genetically Modified Potatoes	J. Agric. Food Chem.	52	3269-3274	<a href="http://dx.doi.org/10.1021/jf0499020">http://dx.doi.org/10.1021/jf0499020</a>
Traceability	Taverniers I, Van Bockstaele E, De Loose M	2004	Cloned plasmid DNA fragments as calibrators for controlling GMOs: different real-time duplex quantitative PCR methods	Analytical and Bioanalytical Chemistry	378	1198-1207	<a href="http://dx.doi.org/10.1007/s00216-003-2372-5">http://dx.doi.org/10.1007/s00216-003-2372-5</a>
Traceability	Trapmann S, Emons H	2004	Reliable GMO analysis	Analytical and Bioanalytical Chemistry	381	72-74	<a href="http://dx.doi.org/10.1007/s00216-004-2901-x">http://dx.doi.org/10.1007/s00216-004-2901-x</a>
Traceability	Vanni A, Anfossi L, Giovannoli C, Oddenino L, Giraudi G	2004	Evaluation of purification procedures of DNA from maize-meal samples by exploiting different analytical techniques for the assessment of DNA quality	Annali Di Chimica	94	269-280	<a href="http://dx.doi.org/10.1002/adic.200490032">http://dx.doi.org/10.1002/adic.200490032</a>
Traceability	Weighardt F, Barbati C, Paoletti C, Querci M, Kay S, De Bauckeleer M, Van den Eede G	2004	Real-time polymerase chain reaction-based approach for quantification of the pat gene in the T25 Zea mays event	Journal of AOAC International	87	1342-1355	



Traceability	C. Neal S, Jr.	2005	Monitoring the presence and expression of transgenes in living plants	Trends in Plant Science	10	390-396	<a href="http://dx.doi.org/10.1016/j.tplants.2005.06.003">http://dx.doi.org/10.1016/j.tplants.2005.06.003</a>
Traceability	Cankar K,Ravnikar M,Zel J,Gruuden K,Toplak N	2005	Real-time polymerase chain reaction detection of cauliflower mosaic virus to complement the 35S screening assay for genetically modified organisms	Journal of AOAC International	88	814-822	
Traceability	Ciabatti I, Marchesi U, Froio A, Paternò A, Ruggieri M, Amaddeo D	2005	Role of the "National Reference Centre for Genetically Modified Organisms (GMO) Detection" in the Official Control of Food and Feed	Veterinary Research Communications	29	31-34	<a href="http://dx.doi.org/10.1007/s11259-005-0007-9">http://dx.doi.org/10.1007/s11259-005-0007-9</a>
Traceability	Corbisier P, Trapmann S, Gancberg D, Hannes L, Iwaerden P, Berben G, Schimmel H, Emons H	2005	Quantitative determination of Roundup Ready soybean (Glycine max) extracted from highly processed flour	Analytical and Bioanalytical Chemistry	383	282-290	<a href="http://dx.doi.org/10.1007/s00216-005-0013-x">http://dx.doi.org/10.1007/s00216-005-0013-x</a>
Traceability	Feinberg M, Fernandez S, Cassard S, Bertheau Y	2005	Quantitation of 35S promoter in maize DNA extracts from genetically modified organisms using real-time polymerase chain reaction, part 2: interlaboratory study	Journal of AOAC International	88	558-573	
Traceability	Fernandez S, Charles-Delobel C, Geldreich A, Berthier G, Boyer F, Collonnier C, Coué-Philippe G, Diollez A, Duplan M-N, Kébdani N, Romaniuk M, Feinberg M, Bertheau Y	2005	Quantification of the 35S promoter in DNA extracts from genetically modified organisms using real-time polymerase chain reaction and specificity assessment on various genetically modified organisms, part 1: operating procedure	Journal of AOAC International	88	547-557	
Traceability	Graef F, Zlughart W, Hommel B, Heinrich U, Stachow U, Werner A	2005	Methodological scheme for designing the monitoring of genetically modified crops at the regional scale	Environmental Monitoring and Assessment	111	Jan-26	<a href="http://dx.doi.org/10.1007/s10661-005-8044-5">http://dx.doi.org/10.1007/s10661-005-8044-5</a>
Traceability	Gulden RH, Lerat S, Hart MM, Powell JR, Trevors JT, Pauls KP, Kilronomos JN, Swanton CJ	2005	Quantitation of Transgenic Plant DNA in Leachate Water: Real-Time Polymerase Chain Reaction Analysis	J. Agric. Food Chem.	53	5858-5865	<a href="http://dx.doi.org/10.1021/jf0504667">http://dx.doi.org/10.1021/jf0504667</a>
Traceability	Huang C-C, Pan T-M	2005	Event-Specific Real-Time Detection and Quantification of Genetically Modified Roundup Ready Soybean	J. Agric. Food Chem.	53	3833-3839	<a href="http://dx.doi.org/10.1021/jf048580x">http://dx.doi.org/10.1021/jf048580x</a>
Traceability	Kim Y-J, Chae J-S, Chang JK, Kang SH	2005	Microchip capillary gel electrophoresis using programmed field strength gradients for the ultra-fast analysis of genetically modified organisms in soybeans	Journal of Chromatography. A	1083	179-184	
Traceability	Martellosi C, Taylor EJ, Lee D, Graziosi G, Donini P	2005	DNA Extraction and Analysis from Processed Coffee Beans	J. Agric. Food Chem.	53	8432-8436	<a href="http://dx.doi.org/10.1021/jf050776p">http://dx.doi.org/10.1021/jf050776p</a>
Traceability	Monma K, Araki R, Sagi N, Satoh M, Ichikawa H, Satoh K, Tobe T, Kamata K, Hino A, Saito K	2005	Detection of Genetically Modified Organisms in Foreign-made Processed Foods Containing Corn and Potato	Food Hygiene and Safety Science (Shokuhin Eiseigaku Zasshi)	46	79-85	
Traceability	Moreano F, Busch U, Engel KH	2005	Distortion of Genetically Modified Organism Quantification in Processed Foods: Influence of Particle Size Compositions and Heat-Induced DNA Degradation	J Agric Food Chem	53	9971-9979	
Traceability	Nesvold H, Kristoffersen AB, Holst-Jensen A, Berdal KG	2005	Design of a DNA chip for detection of unknown genetically modified organisms (GMOs)	Bioinformatics	21	1917-26	
Traceability	Onishi M, Matsuoka T, Kodama T, Kashiwaba K, Futo S, Akiyama H, Maitani T, Furuji S, Oguchi T, Hino A	2005	Development of a Multiplex Polymerase Chain Reaction Method for Simultaneous Detection of Eight Events of Genetically Modified Maize	J. Agric. Food Chem.	53	9713-9721	<a href="http://dx.doi.org/10.1021/jf0515476">http://dx.doi.org/10.1021/jf0515476</a>
Traceability	Peano C, Bordoni R, Gulli M, Mezzelani A, Sanson MC, Bellis GD, Marmiroli N	2005	Multiplex polymerase chain reaction and ligation detection reaction/universal array technology for the traceability of genetically modified organisms in foods	Analytical Biochemistry	346	90-100	<a href="http://dx.doi.org/10.1016/j.ab.2005.08.004">http://dx.doi.org/10.1016/j.ab.2005.08.004</a>

Traceability	Peano C, Lesignoli F, Gulli M, Corradini R, Samson MC, Marchelli R, Mammiroli N	2005	Development of a peptide nucleic acid polymerase chain reaction clamping assay for semiquantitative evaluation of genetically modified organism content in food	Analytical Biochemistry	344	174-182	<a href="http://dx.doi.org/10.1016/j.ab.2005.04.009">http://dx.doi.org/10.1016/j.ab.2005.04.009</a>
Traceability	Raspor P	2005	Bio-markers: traceability in food safety issues	Acta Biochimica Polonica	52	659-664	
Traceability	Taverniers I, Windels P, Vaitilingom M, Milcamps A, Van Bockstaele E, Van den Eede G, De Loose M	2005	Event-Specific Plasmid Standards and Real-Time PCR Methods for Transgenic Bt11, Bt176, and GA21 Maize and Transgenic GT73 Canola	J. Agric. Food Chem.	53	3041-3052	<a href="http://dx.doi.org/10.1021/jf0483467">http://dx.doi.org/10.1021/jf0483467</a>
Traceability	Xu W, Huang K, Zhao H, Luo Y	2005	Application of Immunoaffinity Column as Cleanup Tool for an Enzyme Linked Immunosorbent Assay of Phosphinothricin-N-acetyltransferase Detection in Genetically Modified Maize and Rape	J. Agric. Food Chem.	53	4315-4321	<a href="http://dx.doi.org/10.1021/jf050218a">http://dx.doi.org/10.1021/jf050218a</a>
Traceability	Xu X, Li Y, Zhao H, Wen SY, Wang SQ, Huang J, Huang KL, Luo YB	2005	Rapid and reliable detection and identification of GM events using multiplex PCR coupled with oligonucleotide microarray	J Agric Food Chem	53	3789-94	
Traceability	Yang L, Pan A, Zhang K, Guo J, Yin C, Chen J, Huang C, Zhang D	2005	Identification and Quantification of Three Genetically Modified Insect Resistant Cotton Lines Using Conventional and TaqMan Real-Time Polymerase Chain Reaction Methods	J. Agric. Food Chem.	53	6222-6229	<a href="http://dx.doi.org/10.1021/jf050095u">http://dx.doi.org/10.1021/jf050095u</a>
Traceability	Yang L, Pan A, Zhang K, Yin C, Qian B, Chen J, Huang C, Zhang D	2005	Qualitative and Quantitative PCR Methods for Event-specific Detection of Genetically Modified Cotton Mon1445 and Mon531	Transgenic Research	14	817-831	<a href="http://dx.doi.org/10.1007/s11248-005-0010-z">http://dx.doi.org/10.1007/s11248-005-0010-z</a>
Traceability	Yoshimura T, Kuribara H, Matsuoka T, Kodama T, Iida M, Watanabe T, Akiyama H, Maitani T, Furui S, Hino A	2005	Applicability of the Quantification of Genetically Modified Organisms to Foods Processed from Maize and Soy	J. Agric. Food Chem.	53	2052-2059	<a href="http://dx.doi.org/10.1021/jf048327x">http://dx.doi.org/10.1021/jf048327x</a>
Traceability	Agodi A, Barcchitta M, Grillo A, Sciacca S	2006	Detection of genetically modified DNA sequences in milk from The Italian market	International Journal of Hygiene and Environmental Health	209	81-88	<a href="http://dx.doi.org/10.1016/j.ijheh.2005.08.005">http://dx.doi.org/10.1016/j.ijheh.2005.08.005</a>
Traceability	Andersen CB, Holst-Jensen A, Berdal KG, Thorstensen T, Tengs T	2006	Equal Performance of TaqMan, MGB, Molecular Beacon, and SYBR Green-Based Detection Assays in Detection and Quantification of Roundup Ready Soybean	J. Agric. Food Chem.	54	9658-9663	<a href="http://dx.doi.org/10.1021/jf061987c">http://dx.doi.org/10.1021/jf061987c</a>
Traceability	Begg GS, Cullen DW, Iannetta PPM, Squire GR	2006	Sources of uncertainty in the quantification of genetically modified oilseed rape contamination in seed lots	Transgenic Research	16	51-63	<a href="http://dx.doi.org/10.1007/s11248-006-9029-z">http://dx.doi.org/10.1007/s11248-006-9029-z</a>
Traceability	Cankar K, Stehlik D, Dreco T, Zel J, Gruden K	2006	Critical points of DNA quantification by real-time PCR - effects of DNA extraction method and sample matrix on quantification of genetically modified organisms	BMC Biotechnology	6		<a href="http://dx.doi.org/10.1186/1472-6750-6-37">http://dx.doi.org/10.1186/1472-6750-6-37</a>
Traceability	Ciabatti I, Froilo A, Gatto F, Amadeo D, Marchesi U	2006	In-house validation and quality control of real-time PCR methods for GMO detection: a practical approach	Developments in Biologicals	126	79-86; discussion 324-325	
Traceability	Dinelli G, Bonetti A, Marotti I, Minelli M, Navarrete - Casas M, Segura - Carretero A, Fernández - Gutiérrez A	2006	Quantitative - competitive polymerase chain reaction coupled with slab gel and capillary electrophoresis for the detection of roundup ready soybean and maize	ELECTROPHORESIS	27	4029-4038	<a href="http://dx.doi.org/10.1002/elps.200500397">http://dx.doi.org/10.1002/elps.200500397</a>
Traceability	Ermolli M, Prospero A, Balla B, Querci M, Mazzeo A, Van Den Eede G	2006	Development of an innovative immunoassay for CP4EPSPS and Cry1AB genetically modified protein detection and quantification	Food Additives and Contaminants	23	876-882	<a href="http://dx.doi.org/10.1080/02652030600699056">http://dx.doi.org/10.1080/02652030600699056</a>
Traceability	Gambari R, Feriotto G	2006	Surface plasmon resonance for detection of genetically modified organisms in the food supply	Journal of AOAC International	89	893-897	

Traceability	Paolletti C, Heissenberger A, Mazzara M, Larcher S, Grazioli E, Corbisier P, Hess N, Berben G, Lübeck P, Loose M, Moran G, Henry C, Brera C, Folch I, Ovesna J, Eede G	2006	Kernel lot distribution assessment (KeLDA): a study on the distribution of GMO in large soybean shipments	European Food Research and Technology	224	129-139	<a href="http://dx.doi.org/10.1007/s00217-006-0299-8">http://dx.doi.org/10.1007/s00217-006-0299-8</a>
Traceability	Grothaus GD, Bandler M, Currier T, Giroux R, Jenkins GR, Lipp M, Shan G, Stave JW, Pantella V	2006	Immunoassay as an Analytical Tool in Agricultural Biotechnology	Journal of AOAC International	89	913-928	
Traceability	Hird H, Chisholm J, Sanchez A, Hernandez M, Goodier R, Schneede K, Boltz C, Popping B	2006	Effect of heat and pressure processing on DNA fragmentation and implications for the detection of meat using a real-time polymerase chain reaction	Food Additives and Contaminants	23	645-650	<a href="http://dx.doi.org/10.1080/02652030600603041">http://dx.doi.org/10.1080/02652030600603041</a>
Traceability	Holst-Jensen A, De Loose M, Van den Eede G	2006	Coherence between Legal Requirements and Approaches for Detection of Genetically Modified Organisms (GMOs) and Their Derived Products	J. Agric. Food Chem.	54	2799-2809	<a href="http://dx.doi.org/10.1021/jf052849a">http://dx.doi.org/10.1021/jf052849a</a>
Traceability	Kalogianni DP, Koraki T, Christopoulos TK, Ioannou PC	2006	Nanoparticle-based DNA biosensor for visual detection of genetically modified organisms	Biosensors and Bioelectronics	21	1069-1076	<a href="http://dx.doi.org/10.1016/j.bios.2005.04.016">http://dx.doi.org/10.1016/j.bios.2005.04.016</a>
Traceability	La Paz J-L, Garcia-Muniz N, Nadal A, Esteve T, Puigdomènech P, Pla M	2006	Interlaboratory transfer of a real-time polymerase chain reaction assay for quantitative detection of genetically modified maize event TC-1507	Journal of AOAC International	89	1347-1352	
Traceability	Lee S-H, Min D-M, Kim J-K	2006	Qualitative and Quantitative Polymerase Chain Reaction Analysis for Genetically Modified Maize MON863	J. Agric. Food Chem.	54	1124-1129	<a href="http://dx.doi.org/10.1021/jf052199a">http://dx.doi.org/10.1021/jf052199a</a>
Traceability	Leimanis S, Hernández M, Fernández S, Boyer F, Burns M, Bruderer S, Glouden T, Harris N, Kaeppli O, Philipp P, Pla M, Puigdomènech P, Vaitilingom M, Bertheau Y, Renaude J	2006	A Microarray-based Detection System for Genetically Modified (GM) Food Ingredients	Plant Molecular Biology	61	123-139	<a href="http://dx.doi.org/10.1007/s11103-005-6173-4">http://dx.doi.org/10.1007/s11103-005-6173-4</a>
Traceability	Nadal A, Coll A, La Paz JL, Esteve T, Pla M	2006	A new PCR - CGE (size and color) method for simultaneous detection of genetically modified maize events	ELECTROPHORESIS	27	3879-3888	<a href="http://dx.doi.org/10.1002/elps.200600124">http://dx.doi.org/10.1002/elps.200600124</a>
Traceability	Passamano M, Pighini M	2006	QCM DNA-sensor for GMOs detection	Sensors and Actuators B: Chemical	118	177-181	<a href="http://dx.doi.org/10.1016/j.snb.2006.04.012">http://dx.doi.org/10.1016/j.snb.2006.04.012</a>
Traceability	Pla M, Paz J-L, Peñas G, García N, Palaudíñas M, Esteve T, Messegue J, Melé E	2006	Assessment of Real-time PCR Based Methods for Quantification of Pollen-mediated Gene Flow from GM to Conventional Maize in a Field Study	Transgenic Research	15	219-228	<a href="http://dx.doi.org/10.1007/s11248-005-4945-x">http://dx.doi.org/10.1007/s11248-005-4945-x</a>
Traceability	Perron A, Raymond P, Simard R	2006	The Occurrence of Antibiotic Resistance Genes in Taq Polymerases and a Decontamination Method Applied to the Detection of Genetically Modified Crops	Biotechnology Letters	28	321-325	<a href="http://dx.doi.org/10.1007/s10529-005-5931-3">http://dx.doi.org/10.1007/s10529-005-5931-3</a>
Traceability	Roda A, Mirasoli M, Guardigli M, Michellini E, Simoni P, Magiulo M	2006	Development and validation of a sensitive and fast chemiluminescent enzyme immunoassay for the detection of genetically modified maize	Analytical and Bioanalytical Chemistry	384	1269-1275	<a href="http://dx.doi.org/10.1007/s00216-006-0308-6">http://dx.doi.org/10.1007/s00216-006-0308-6</a>
Traceability	Rønning SB, Berdal KG, Andersen CB, Holst-Jensen A	2006	Novel Reference Gene, PKABA1, Used in a Duplex Real-Time Polymerase Chain Reaction for Detection and Quantitation of Wheat- and Barley-Derived DNA	J. Agric. Food Chem.	54	682-687	<a href="http://dx.doi.org/10.1021/jf052328n">http://dx.doi.org/10.1021/jf052328n</a>
Traceability	Toyota A, Akiyama H, Sugimura M, Watanabe T, Kikuchi H, Kanamori H, Hino A, Esaka M, Maitani T	2006	Quantification of Genetically Modified Soybeans Using a Combination of a Capillary-Type Real-Time PCR System and a Plasmid Reference Standard	Bioscience, Biotechnology, and Biochemistry	70	821-827	

Traceability	Toyota A, Akiyama H, Sugimura M, Watanabe T, Sakata K, Shiramasa Y, Kita K, Hino A, Esaka M, Maitani T	2006	Rapid Quantification Methods for Genetically Modified Maize Contents Using Genomic DNAs Pretreated by Sonication and Restriction Endonuclease Digestion for a Capillary-Type Real-Time PCR System with a Plasmid Reference Standard	Bioscience, Biotechnology, and Biochemistry	70	2965-2973	<a href="http://dx.doi.org/10.1016/j.bios.2005.12.001">http://dx.doi.org/10.1016/j.bios.2005.12.001</a>
Traceability	Xu J, Miao H, Wu H, Huang W, Tang R, Qiu M, Wen J, Zhu S, Li Y	2006	Screening genetically modified organisms using multiplex-PCR coupled with oligonucleotide microarray	Biosensors and Bioelectronics	22	71-77	
Traceability	Yang L, Pan A, Zhang H, Guo J, Yin C, Zhang D	2006	Event-specific qualitative and quantitative polymerase chain reaction analysis for genetically modified canola T45	J Agric Food Chem	54	9735-40	
Traceability	Yoke-Kqueen C, Radu S	2006	Random amplified polymorphic DNA analysis of genetically modified organisms	Journal of Biotechnology	127	161-166	<a href="http://dx.doi.org/10.1016/j.jbiotec.2006.06.001">http://dx.doi.org/10.1016/j.jbiotec.2006.06.001</a>
Traceability	Akiyama H, Sasaki N, Sakata K, Ohmori K, Toyota A, Kikuchi Y, Watanabe T, Furuji S, Kita K, Maitani T	2007	Indicated Detection of Two Unapproved Transgenic Rice Lines Contaminating Vermicelli Products	J. Agric. Food Chem.	55	5942-5947	<a href="http://dx.doi.org/10.1021/jf070508m">http://dx.doi.org/10.1021/jf070508m</a>
Traceability	Alexander TW, Reuter T, McAllister TA	2007	Qualitative and Quantitative Polymerase Chain Reaction Assays for an Alfalfa (Medicago sativa)-Specific Reference Gene To Use in Monitoring Transgenic Cultivars	J. Agric. Food Chem.	55	2918-2922	<a href="http://dx.doi.org/10.1021/jf0630116">http://dx.doi.org/10.1021/jf0630116</a>
Traceability	Bernardo GD, Gaudio SD, Galderisi U, Cascino A, Cipollaro M	2007	Comparative Evaluation of Different DNA Extraction Procedures from Food Samples	Biotechnology Progress	23	297-301	<a href="http://dx.doi.org/10.1021/bp060182m">http://dx.doi.org/10.1021/bp060182m</a>
Traceability	Chaouachi M, Giancola S, Romaniuk M, Laval V, Bertheau Y, Brunel D	2007	A Strategy for Designing Multi-Taxa Specific Reference Gene Systems. Example of Application—ppi Phosphofruktokinase (ppi-PPF) Used for the Detection and Quantification of Three Taxa: Maize ( Zea mays), Cotton ( Gossypium hirsutum) and Rice ( Oryza sativa)	J. Agric. Food Chem.	55	8003-8010	<a href="http://dx.doi.org/10.1021/jf071429d">http://dx.doi.org/10.1021/jf071429d</a>
Traceability	Charels D, Broeders S, Corbisier P, Trapmann S, Schimmel H, Emons H	2007	Toward Metrological Traceability for DNA Fragment Ratios in GM Quantification. 3. Suitability of DNA Calibrants Studied with a MON 810 Corn Model	J. Agric. Food Chem.	55	3268-3274	<a href="http://dx.doi.org/10.1021/jf0629336">http://dx.doi.org/10.1021/jf0629336</a>
Traceability	Chaumpluk P, Kerma K, Takamura Y, Tamiya E	2007	Accumulation of amplified target DNAs using thiol/biotin labeling, S1 nuclease, and ferrocene-streptavidin-magnetic system and a direct detection of specific DNA signals with screen printed gold electrode	Science and Technology of Advanced Materials	8	323-330	<a href="http://dx.doi.org/10.1016/j.stam.2007.04.001">http://dx.doi.org/10.1016/j.stam.2007.04.001</a>
Traceability	Dalla Costa L, Martinelli L	2007	Development of a Real-Time PCR Method Based on Duplo Target Plasmids for Determining an Unexpected Genetically Modified Soybean Intermix with Feed Components	J. Agric. Food Chem.	55	1264-1273	<a href="http://dx.doi.org/10.1021/jf062548g">http://dx.doi.org/10.1021/jf062548g</a>
Traceability	Davison J, Bertheau Y	2007	EU regulations on the traceability and detection of GMOs: difficulties in interpretation, implementation and compliance	CAB Reviews	2		
Traceability	Fantozzi A, Ermolli M, Marini M, Scotti D, Balla B, Querci M, Langrell SRH, Van den Eede G	2007	First Application of a Microsphere-Based Immunoassay to the Detection of Genetically Modified Organisms (GMOs): Quantification of Cry1Ab Protein in Genetically Modified Maize	J. Agric. Food Chem.	55	1071-1076	<a href="http://dx.doi.org/10.1021/jf061506p">http://dx.doi.org/10.1021/jf061506p</a>
Traceability	García - Ruiz C, García MC, Cifuentes A, Marina ML	2007	Characterization and differentiation of diverse transgenic and nontransgenic soybean varieties from CE protein profiles	ELECTROPHORESIS	28	2314-2323	<a href="http://dx.doi.org/10.1002/elps.200600799">http://dx.doi.org/10.1002/elps.200600799</a>

Traceability	Hemels S, Leimanis S, Mazzara M, Bellocchi G, Foti N, Moens W, Remacle J, van de Eede G	2007	Microarray Method for the Screening of EU Approved GMOs by Identification of their Genetic Elements	OPOCE			<a href="http://dx.doi.org/10.2788/32983">http://dx.doi.org/10.2788/32983</a>
Traceability	La Paz JL, Esteve T, Pla M	2007	Comparison of Real-Time PCR Detection Chemistries and Cycling Modes Using Mon810 Event-Specific Assays as Model	J. Agric. Food Chem.	55	4312-4318	<a href="http://dx.doi.org/10.1021/jf063725g">http://dx.doi.org/10.1021/jf063725g</a>
Traceability	Macarthur R, Murray AWA, Allnutt TR, Deppe C, Hird HJ, Kerins GM, Blackburn J, Brown J, Stones R, Hugo S	2007	Model for tuning GMO detection in seed and grain	Nat Biotech	25	169-170	<a href="http://dx.doi.org/10.1038/nbt0207-169">http://dx.doi.org/10.1038/nbt0207-169</a>
Traceability	Ocaña MF, Fraser PD, Patel RKP, Halket JM, Bramley PM	2007	Mass spectrometric detection of CP4 EPSPS in genetically modified soya and maize	Rapid Communications in Mass Spectrometry	21	319-328	<a href="http://dx.doi.org/10.1002/rcm.2819">http://dx.doi.org/10.1002/rcm.2819</a>
Traceability	Pan L, Zhang S, Yang L, Broil H, Tian F, Zhang D	2007	Interlaboratory trial validation of an event-specific qualitative polymerase chain reaction-based detection method for genetically modified RT73 rapeseed	Journal of AOAC International	90	1639-1646	
Traceability	Petit L, Pagny G, Baraige F, Nignol A-C, Zhang D, Fach P	2007	Characterization of genetically modified maize in weakly contaminated seed batches and identification of the origin of the adventitious contamination	Journal of AOAC International	90	1098-1106	
Traceability	Rossi S, Lesignoli F, Germini A, Faccini A, Sforza S, Corradini R, Marchelli R	2007	Identification of PCR-Amplified Genetically Modified Organisms (GMOs) DNA by Peptide Nucleic Acid (PNA) Probes in Anion-Exchange Chromatographic Analysis	J. Agric. Food Chem.	55	2509-2516	<a href="http://dx.doi.org/10.1021/jf062063s">http://dx.doi.org/10.1021/jf062063s</a>
Traceability	Sánchez L, González R, Crego AL, Cifuentes A	2007	A simple capillary gel electrophoresis approach for efficient and reproducible DNA separations. Analysis of genetically modified soy and maize	Journal of Separation Science	30	579-585	
Traceability	Singh CK, Ojha A, Bhatanagar RK, Kachru DN	2007	Detection and characterization of recombinant DNA expressing vip3A-type insecticidal gene in GMOs—standard single, multiplex and construct-specific PCR assays	Analytical and Bioanalytical Chemistry	390	377-387	<a href="http://dx.doi.org/10.1007/s00216-007-1714-0">http://dx.doi.org/10.1007/s00216-007-1714-0</a>
Traceability	Singh CK, Ojha A, Kachru DN	2007	Detection and characterization of cry1Ac transgene construct in Bt cotton: multiple polymerase chain reaction approach	Journal of AOAC International	90	1517-1525	
Traceability	Tani H, Kanagawa T, Morita N, Kurata S, Nakamura K, Tsuneda S, Noda N	2007	Calibration-curve-free quantitative PCR: A quantitative method for specific nucleic acid sequences without using calibration curves	Analytical Biochemistry	369	105-111	<a href="http://dx.doi.org/10.1016/j.ab.2007.06.047">http://dx.doi.org/10.1016/j.ab.2007.06.047</a>
Traceability	Vodret B, Milia M, Orani MG, Serratrice G, Mancuso MR	2007	Detection of Genetically Modified Organisms in Food: Comparison Among Three Different DNA Extraction Methods	Veterinary Research Communications	31	385-388	<a href="http://dx.doi.org/10.1007/s11259-007-0043-2">http://dx.doi.org/10.1007/s11259-007-0043-2</a>
Traceability	Weighardt F	2007	GMO quantification in processed food and feed	Nat Biotech	25	1213-1214	<a href="http://dx.doi.org/10.1038/nbt1107-1213c">http://dx.doi.org/10.1038/nbt1107-1213c</a>
Traceability	Weiss J, Ros-Chumillas M, Peña L, Egea-Cortines M	2007	Effect of storage and processing on plasmid, yeast and plant genomic DNA stability in juice from genetically modified oranges	Journal of Biotechnology	128	194-203	<a href="http://dx.doi.org/10.1016/j.jbiotec.2006.09.009">http://dx.doi.org/10.1016/j.jbiotec.2006.09.009</a>
Traceability	Wu Y, Wu G, Xiao L, Lu C	2007	Event-Specific Qualitative and Quantitative PCR Detection Methods for Transgenic Rapeseed Hybrids MS1×RF1 and MS1×RF2	J. Agric. Food Chem.	55	8380-8389	<a href="http://dx.doi.org/10.1021/jf0717337">http://dx.doi.org/10.1021/jf0717337</a>
Traceability	Xu J, Zhu S, Miao H, Huang W, Qiu M, Huang Y, Fu X, Li Y	2007	Event-Specific Detection of Seven Genetically Modified Soybean and Maizes Using Multiplex-PCR Coupled with Oligonucleotide Microarray	J. Agric. Food Chem.	55	5575-5579	<a href="http://dx.doi.org/10.1021/jf070433m">http://dx.doi.org/10.1021/jf070433m</a>
Traceability	Yamakawa H, Akiyama H, Endo Y, Miyatake K, Sakata K, Sakai S, Moriyama T, Urisu A, Maitani T	2007	Specific Detection of Soybean Residues in Processed Foods by the Polymerase Chain Reaction	Bioscience, Biotechnology, and Biochemistry	71	269-272	

Traceability	Yang R,Xu W,Luo Y,Guo F,Lu Y,Huang K	2007	Event-specific qualitative and quantitative PCR detection of roundup ready event GT73 based on the 3'-integration junction	Plant Cell Reports	26	1821-1831	<a href="http://dx.doi.org/10.1007/s00299-007-0385-9">http://dx.doi.org/10.1007/s00299-007-0385-9</a>
Traceability	Zel J,Gruden K,Cankar K,Stebih D,Blejec A	2007	Calculation of measurement uncertainty in quantitative analysis of genetically modified organisms using intermediate precision--a practical approach	Journal of AOAC International	90	582-586	
Traceability	Zhang D,Corlet A,Fouilloux S	2007	Impact of genetic structures on haploid genome-based quantification of genetically modified DNA: theoretical considerations, experimental data in MON 810 maize kernels (Zea mays L.) and some practical applications	Transgenic Research	17	393-402	<a href="http://dx.doi.org/10.1007/s11248-007-9114-y">http://dx.doi.org/10.1007/s11248-007-9114-y</a>
Traceability	Allnut TR,Dwyer M,McMillan J,Henry C,Langrell S	2008	Sampling and Modeling for the Quantification of Adventitious Genetically Modified Presence in Maize	J. Agric. Food Chem.	56	3232-3237	<a href="http://dx.doi.org/10.1021/jf800048q">http://dx.doi.org/10.1021/jf800048q</a>
Traceability	Baranski R,Baranska M	2008	Discrimination between Nongenetically Modified (Non-GM) and GM Plant Tissue Expressing Cysteine-Rich Polypeptide Using FT-Raman Spectroscopy	J. Agric. Food Chem.	56	4491-4496	<a href="http://dx.doi.org/10.1021/jf8000410m">http://dx.doi.org/10.1021/jf8000410m</a>
Traceability	Broothaerts W,Corbisier P,Schimmel H,Trapmann S,Vincent S,Emons H	2008	A Single Nucleotide Polymorphism (SNP839) in the adh1 Reference Gene Affects the Quantitation of Genetically Modified Maize (Zea mays L.)	J. Agric. Food Chem.	56	8825-8831	<a href="http://dx.doi.org/10.1021/jf801636d">http://dx.doi.org/10.1021/jf801636d</a>
Traceability	Buh Gašparić M,Cankar K,Žel J,Gruden K	2008	Comparison of different real-time PCR chemistries and their suitability for detection and quantification of genetically modified organisms	BMC Biotechnology	8	26-26	<a href="http://dx.doi.org/10.1186/1472-6750-8-26">http://dx.doi.org/10.1186/1472-6750-8-26</a>
Traceability	Caires ARL,Teixeira MRO,Suárez YR,Andrade LHC,Lima SM	2008	Discrimination of transgenic and conventional soybean seeds by Fourier transform infrared photoacoustic spectroscopy	Applied Spectroscopy	62	1044-1047	
Traceability	Cankar K,Chauvensy-Ancel V,Fortabat M-N,Gruden K,Kobiljnsky A,Žel J,Bertheau Y	2008	Detection of nonauthorized genetically modified organisms using differential quantitative polymerase chain reaction: application to 35S in maize	Analytical Biochemistry	376	189-199	<a href="http://dx.doi.org/10.1016/j.ab.2008.02.013">http://dx.doi.org/10.1016/j.ab.2008.02.013</a>
Traceability	Dong W,Yang L,Shen K,Kim B,Kleier GA,Marvin HJP,Guo R,Liang W,Zhang D	2008	GMDD: a database of GMO detection methods	BMC Bioinformatics	9	260-260	<a href="http://dx.doi.org/10.1186/1471-2105-9-260">http://dx.doi.org/10.1186/1471-2105-9-260</a>
Traceability	Elenis DS,Kalogianni DP,Glynou K,Ioannou PC,Christopoulos TK	2008	Advances in molecular techniques for the detection and quantification of genetically modified organisms	Analytical and Bioanalytical Chemistry	392	347-354	<a href="http://dx.doi.org/10.1007/s00216-008-1868-4">http://dx.doi.org/10.1007/s00216-008-1868-4</a>
Traceability	García-Cañas V,Cifuentes A	2008	Simultaneous Confirmatory Analysis of Different Transgenic Maize (Zea mays) Lines Using Multiplex Polymerase Chain Reaction-Restriction Analysis and Capillary Gel Electrophoresis with Laser Induced Fluorescence Detection	J. Agric. Food Chem.	56	8280-8286	<a href="http://dx.doi.org/10.1021/jf801102s">http://dx.doi.org/10.1021/jf801102s</a>
Traceability	Guo L,Qiu B,Chi Y,Chen G	2008	Using multiple PCR and CE with chemiluminescence detection for simultaneous qualitative and quantitative analysis of genetically modified organism	ELECTROPHORESIS	29	3801-3809	<a href="http://dx.doi.org/10.1002/ejps.200800103">http://dx.doi.org/10.1002/ejps.200800103</a>
Traceability	Harikai N,Saito S,Abe M,Kondo K,Kitta K,Akiyama H,Teshima R,Kinoshita K	2008	Real-Time PCR Method Using Capturing Oligo-Immobilized PCR Tubes to Determine the Specific Gene for Soybean and Genetically Modified Soybean in Food Matrices	Bioscience, Biotechnology, and Biochemistry	72	2953-2958	

Traceability	Leimanis S, Hamels S, Nazé F, Mbongolo Mbella G, Sneyers M, Hochegeger R, Broll H, Roth L, Dallmann K, Micsinai A, La Paz J, Pla M, Brünen-Nieweler C, Papazova N, Taverniers J, Hess N, Kirschmeit B, Bertheau Y, Audeon C, Laval V, Busch U, Pecoraro S, Neumann K, Rösel S, van Dijk J, Kok E, Bellocchi G, Foti N, Mazzara M, Moens W, Remade J, Van Den Ede G	2008	Validation of the performance of a GMO multiplex screening assay based on microarray detection	European Food Research and Technology	227	1621-1632	<a href="http://dx.doi.org/10.1007/s00217-008-0886-y">http://dx.doi.org/10.1007/s00217-008-0886-y</a>
Traceability	Marmiroli N, Maestri E, Gulli M, Malcevski A, Peano C, Bordoni R, Bellis G	2008	Methods for detection of GMOs in food and feed	Analytical and Bioanalytical Chemistry	392	369-384	<a href="http://dx.doi.org/10.1007/s00216-008-2303-6">http://dx.doi.org/10.1007/s00216-008-2303-6</a>
Traceability	Micheli E, Simoni P, Cevenini L, Mezzanotte L, Roda A	2008	New trends in bioanalytical tools for the detection of genetically modified organisms: an update	Analytical and Bioanalytical Chemistry	392	355-367	<a href="http://dx.doi.org/10.1007/s00216-008-2193-7">http://dx.doi.org/10.1007/s00216-008-2193-7</a>
Traceability	Morisset D, Dobnik D, Hamels S, Žel J, Gruđen K	2008	NAIMA: target amplification strategy allowing quantitative on-chip detection of GMOs	Nucleic Acids Research	36	e118-e118	<a href="http://dx.doi.org/10.1093/nar/gkn524">http://dx.doi.org/10.1093/nar/gkn524</a>
Traceability	Oguchi T, Onishi M, Chikagawa Y, Minegishi Y, Kodama T, Akiyama H, Ohno Y, Futo S, Hino A, Furu S, Kitta K	2008	Development of Event-Specific Quantitation Method for GA21 Maize, Which is a GM Event without CaMV35S Promoter	Food Hygiene and Safety Science (Shokuhin Eiseigaku Zasshi)	49	16-22	
Traceability	Prins TW, van Dijk JP, Beenen HG, Van Hoef AMA, Voorhujzen MM, Schoen CD, Aarts HJM, Kok EJ	2008	Optimised padlock probe ligation and microarray detection of multiple (non-authorised) GMOs in a single reaction	BMC Genomics	9	584-584	<a href="http://dx.doi.org/10.1186/1471-2164-9-584">http://dx.doi.org/10.1186/1471-2164-9-584</a>
Traceability	Quirasco M, Schoel B, Chhaliyil P, Fagan J, Gálvez A	2008	Real-time and conventional PCR detection of Liberty Link® rice varieties and transgenic soy in rice sampled in the Mexican and American retail markets	Analytical and Bioanalytical Chemistry	392	395-404	<a href="http://dx.doi.org/10.1007/s00216-008-2265-8">http://dx.doi.org/10.1007/s00216-008-2265-8</a>
Traceability	Schmidt A-m, Sahota R, Pope DS, Lawrence TS, Beaton MP, Rott ME	2008	Detection of Genetically Modified Canola Using Multiplex PCR Coupled with Oligonucleotide Microarray Hybridization	J. Agric. Food Chem.	56	6791-6800	<a href="http://dx.doi.org/10.1021/jf800137q">http://dx.doi.org/10.1021/jf800137q</a>
Traceability	Shrestha HK, Hwu K-K, Wang S-J, Liu L-F, Chang M-C	2008	Simultaneous Detection of Eight Genetically Modified Maize Lines Using a Combination of Event- and Construct-Specific Multiplex-PCR Technique	J. Agric. Food Chem.	56	8962-8968	<a href="http://dx.doi.org/10.1021/jf800501z">http://dx.doi.org/10.1021/jf800501z</a>
Traceability	Tichoniuk M, Ligaj M, Filipiak M	2008	Application of DNA Hybridization Biosensor as a Screening Method for the Detection of Genetically Modified Food Components	Sensors	8	2118-2135	<a href="http://dx.doi.org/10.3390/s8042118">http://dx.doi.org/10.3390/s8042118</a>
Traceability	Wu G, Wu Y, Xiao L, Lu C	2008	Event-specific qualitative and quantitative polymerase chain reaction methods for detection of genetically modified rapeseed Ms8XrF3 based on the right border junctions	Journal of AOAC International	91	143-151	
Traceability	Yang L, Guo J, Zhang H, Liu J, Zhang D	2008	Qualitative and Quantitative Event-Specific PCR Detection Methods for Oxy-235 Canola Based on the 3' Integration Flanking Sequence	J. Agric. Food Chem.	56	1804-1809	<a href="http://dx.doi.org/10.1021/jf073465i">http://dx.doi.org/10.1021/jf073465i</a>
Traceability	Yang L, Liang W, Jiang L, Li W, Cao W, Wilson ZA, Zhang D	2008	A novel universal real-time PCR system using the attached universal duplex probes for quantitative analysis of nucleic acids	BMC Molecular Biology	9	54-54	<a href="http://dx.doi.org/10.1186/1471-2199-9-54">http://dx.doi.org/10.1186/1471-2199-9-54</a>
Traceability	Yang L, Zhang H, Guo J, Pan L, Zhang D	2008	International Collaborative Study of the Endogenous Reference Gene LAT52 Used for Qualitative and Quantitative Analyses of Genetically Modified Tomato	J. Agric. Food Chem.	56	3438-3443	<a href="http://dx.doi.org/10.1021/jf073464q">http://dx.doi.org/10.1021/jf073464q</a>
Traceability	Zhang H, Yang L, Guo J, Li X, Jiang L, Zhang D	2008	Development of One Novel Multiple-Target Plasmid for Duplex Quantitative PCR Analysis of Roundup Ready Soybean	J. Agric. Food Chem.	56	5514-5520	<a href="http://dx.doi.org/10.1021/jf800033k">http://dx.doi.org/10.1021/jf800033k</a>

Traceability	Zhou P.-P., Zhang J.-Z., You Y.-H., Wu Y.-N	2008	Detection of Genetically Modified Crops by Combination of Multiplex PCR and Low-density DNA Microarray	Biomedical and Environmental Sciences	21	53-62	<a href="http://dx.doi.org/10.1016/s0895-3988(08)60007-0">http://dx.doi.org/10.1016/s0895-3988(08)60007-0</a>
Traceability	Zhu D., Tang Y., Xing D., Chen WR	2008	PCR-Free Quantitative Detection of Genetically Modified Organism from Raw Materials. An Electrochemiluminescence-Based Bio Bar Code Method	Anal. Chem.	80	3566-3571	<a href="http://dx.doi.org/10.1021/ac0713306">http://dx.doi.org/10.1021/ac0713306</a>
Traceability	Ahmed MU, Saito M, Hossain MM, Rao SR, Furui S, Hino A, Takamura Y, Takagi M, Tamiya E	2009	Electrochemical genosensor for the rapid detection of GMO using loop-mediated isothermal amplification	Analyst	134	966-972	<a href="http://dx.doi.org/10.1039/b812569d">http://dx.doi.org/10.1039/b812569d</a>
Traceability	Akiyama H, Nakamura F, Yamada C, Nakamura K, Nakajima O, Kawakami H, Harikai N, Furui S, Kita K, Teshima R	2009	A Screening Method for the Detection of the 35S Promoter and the Nopaline Synthase Terminator in Genetically Modified Organisms in a Real-Time Multiplex Polymerase Chain Reaction Using High-Resolution Melting-Curve Analysis	Biological & Pharmaceutical Bulletin	32	1824-1829	
Traceability	Arne H-J	2009	Testing for genetically modified organisms (GMOs): Past, present and future perspectives	Biotechnology Advances	27	1071-1082	<a href="http://dx.doi.org/10.1016/j.biotechadv.2009.05.025">http://dx.doi.org/10.1016/j.biotechadv.2009.05.025</a>
Traceability	Arvanitoyannis IS, Vlachos A	2009	Maize Authentication: Quality Control Methods and Multivariate Analysis (Chemometrics)	Critical Reviews in Food Science and Nutrition	49	501-537	<a href="http://dx.doi.org/10.1080/10408390802068140">http://dx.doi.org/10.1080/10408390802068140</a>
Traceability	Battistini E, Noli E	2009	Real-time quantification of wild-type contaminants in glyphosate tolerant soybean	BMC Biotechnology	9	16-16	<a href="http://dx.doi.org/10.1186/1472-6750-9-16">http://dx.doi.org/10.1186/1472-6750-9-16</a>
Traceability	Bellocchi G, Bertholet V, Hamels S, Moens W, Remacle J, Eede G	2009	Fuzzy-logic based strategy for validation of multiplex methods: example with qualitative GMO assays	Transgenic Research	19	57-65	<a href="http://dx.doi.org/10.1007/s11248-009-9293-9">http://dx.doi.org/10.1007/s11248-009-9293-9</a>
Traceability	Bulcke M, Lievens A, Barbau-Piednoir E, Mbongo Mbella G, Roossens N, Sneyers M, Casi AL	2009	A theoretical introduction to "Combinatory SYBR@Green qPCR Screening": a matrix-based approach for the detection of materials derived from genetically modified plants	Analytical and Bioanalytical Chemistry	396	2113-2123	<a href="http://dx.doi.org/10.1007/s00216-009-3286-7">http://dx.doi.org/10.1007/s00216-009-3286-7</a>
Traceability	Corbisier P, Bhat S, Partis L, Rui Dan Xie V, Emslie KR	2009	Absolute quantification of genetically modified MON810 maize (Zea mays L.) by digital polymerase chain reaction	Analytical and Bioanalytical Chemistry	396	2143-2150	<a href="http://dx.doi.org/10.1007/s00216-009-3200-3">http://dx.doi.org/10.1007/s00216-009-3200-3</a>
Traceability	Demeke T, Jenkins GR	2009	Influence of DNA extraction methods, PCR inhibitors and quantification methods on real-time PCR assay of biotechnology-derived traits	Analytical and Bioanalytical Chemistry	396	1977-1990	<a href="http://dx.doi.org/10.1007/s00216-009-3150-9">http://dx.doi.org/10.1007/s00216-009-3150-9</a>
Traceability	Demeke T, Ratnayaka I, Phan A	2009	Effects of DNA extraction and purification methods on real-time quantitative PCR analysis of Roundup Ready soybean	Journal of AOAC International	92	1136-1144	
Traceability	Dobnik D, Morisset D, Gruuden K	2009	NAIMA as a solution for future GMO diagnostics challenges	Analytical and Bioanalytical Chemistry	396	2229-2233	<a href="http://dx.doi.org/10.1007/s00216-009-3197-7">http://dx.doi.org/10.1007/s00216-009-3197-7</a>
Traceability	Dörries H-H, Remus I, Grönwald A, Grönwald C, Berghof-Jäger K	2009	Development of a qualitative, multiplex real-time PCR kit for screening of genetically modified organisms (GMOs)	Analytical and Bioanalytical Chemistry	396	2043-2054	<a href="http://dx.doi.org/10.1007/s00216-009-3149-2">http://dx.doi.org/10.1007/s00216-009-3149-2</a>
Traceability	Gaudio S, Cirillo A, Bernardo G, Galderisi U, Cipollaro M	2009	A preamplification approach to GMO detection in processed foods	Analytical and Bioanalytical Chemistry	396	2135-2142	<a href="http://dx.doi.org/10.1007/s00216-009-3199-5">http://dx.doi.org/10.1007/s00216-009-3199-5</a>
Traceability	Götz F	2009	See what you eat—broad GMO screening with microarrays	Analytical and Bioanalytical Chemistry	396	1961-1967	<a href="http://dx.doi.org/10.1007/s00216-009-3204-z">http://dx.doi.org/10.1007/s00216-009-3204-z</a>
Traceability	Guertler P, Paul V, Albrecht C, Meyer HHD	2009	Sensitive and highly specific quantitative real-time PCR and ELISA for recording a potential transfer of novel DNA and Cry1Ab protein from feed into bovine milk	Analytical and Bioanalytical Chemistry	393	1629-1638	<a href="http://dx.doi.org/10.1007/s00216-009-2667-2">http://dx.doi.org/10.1007/s00216-009-2667-2</a>
Traceability	Guo J, Yang L, Liu X, Guan X, Jiang L, Zhang D	2009	Characterization of the Exogenous Insert and Development of Event-specific PCR Detection Methods for Genetically Modified Huanong No. 1 Papaya	J. Agric. Food Chem.	57	7205-7212	<a href="http://dx.doi.org/10.1021/jf901198x">http://dx.doi.org/10.1021/jf901198x</a>



Traceability	Guo J, Yang L, Liu X, Zhang H, Qian B, Zhang D	2009	Applicability of the Chymopapain Gene Used as Endogenous Reference Gene for Transgenic Huanong No. 1 Papaya Detection	J. Agric. Food Chem.	57	6502-6509	<a href="http://dx.doi.org/10.1021/jf900656t">http://dx.doi.org/10.1021/jf900656t</a>
Traceability	Guo L, Yang H, Qiu B, Xiao X, Xue L, Kim D, Chen G	2009	Capillary Electrophoresis with Electrochemiluminescent Detection for Highly Sensitive Assay of Genetically Modified Organisms	Anal. Chem.	81	9578-9584	<a href="http://dx.doi.org/10.1021/ac901510s">http://dx.doi.org/10.1021/ac901510s</a>
Traceability	Hamels S, Glouden T, Gillard K, Mazzara M, Deboode F, Foti N, Sneyers M, Esteve Nuez T, Pla M, Berben G, Moens W, Bertheau Y, Audéon C, Van den Eede G, Remacle J	2009	A PCR-microarray method for the screening of genetically modified organisms	European Food Research and Technology	228	531-541	<a href="http://dx.doi.org/10.1007/s00217-008-0960-5">http://dx.doi.org/10.1007/s00217-008-0960-5</a>
Traceability	Harikai N, Saito S, Abe M, Kondo K, Kitta K, Akiyama H, Teshima R, Kinoshita K	2009	Optical Detection of Specific Genes for Genetically Modified Soybean and Maize Using Multiplex PCR Coupled with Primer Extension on a Plastic Plate	Bioscience, Biotechnology, and Biochemistry	73	1886-1889	
Traceability	Jiang L, Yang L, Zhang H, Guo J, Mazzara M, Van den Eede G, Zhang D	2009	International Collaborative Study of the Endogenous Reference Gene, Sucrose Phosphate Synthase (SPS), Used for Qualitative and Quantitative Analysis of Genetically Modified Rice	J. Agric. Food Chem.	57	3525-3532	<a href="http://dx.doi.org/10.1021/jf803166p">http://dx.doi.org/10.1021/jf803166p</a>
Traceability	Kodama T, Kuribara H, Minegishi Y, Futo S, Watai M, Sawada C, Watanabe T, Akiyama H, Maitani T, Teshima R, Furui S, Hino A, Kitta K	2009	Evaluation of modified PCR quantitation of genetically modified maize and soybean using reference molecules: interlaboratory study	Journal of AOAC International	92	223-233	
Traceability	Lee D, La Mura M, Allnutt TR, Powell W	2009	Detection of genetically modified organisms (GMOs) using isothermal amplification of target DNA sequences	BMC Biotechnology	9	07-Jul	<a href="http://dx.doi.org/10.1186/1472-6750-9-7">http://dx.doi.org/10.1186/1472-6750-9-7</a>
Traceability	Li X, Yang L, Zhang J, Wang S, Shen K, Pan L, Zhang D	2009	Simplex and duplex polymerase chain reaction analysis of Herculex RW (59122) maize based on one reference molecule including separated fragments of 5' integration site and endogenous gene	Journal of AOAC International	92	1472-1483	
Traceability	Li Y, Xing D, Zhang C	2009	Rapid detection of genetically modified organisms on a continuous-flow polymerase chain reaction microfluidics	Analytical Biochemistry	385	42-49	<a href="http://dx.doi.org/10.1016/j.ab.2008.10.028">http://dx.doi.org/10.1016/j.ab.2008.10.028</a>
Traceability	Lin C-H, Lu C-T, Lin H-T, Pan T-M	2009	Safety Assessment and Detection Method of Genetically Modified Chinese Kale ( <i>Brassica oleracea</i> cv. <i>albolabra</i> )	J. Agric. Food Chem.	57	1876-1881	<a href="http://dx.doi.org/10.1021/jf8034644">http://dx.doi.org/10.1021/jf8034644</a>
Traceability	Liu M, Luo Y, Tao R, He R, Jiang K, Wang B, Wang L	2009	Sensitive and Rapid Detection of Genetic Modified Soybean (Roundup Ready) by Loop-Mediated Isothermal Amplification	Bioscience, Biotechnology, and Biochemistry	73	2365-2369	
Traceability	Mano J, Oguchi T, Akiyama H, Teshima R, Hino A, Furui S, Kitta K	2009	Simultaneous Detection of Recombinant DNA Segments Introduced into Genetically Modified Crops with Multiplex Ligase Chain Reaction Coupled with Multiplex Polymerase Chain Reaction	J. Agric. Food Chem.	57	2640-2646	<a href="http://dx.doi.org/10.1021/jf803361a">http://dx.doi.org/10.1021/jf803361a</a>
Traceability	Micamps A, Rabe S, Cade R, De Framond A-J, Henriksson P, Kramer V, Lisboa D, Pastor-Benito S, Willis MG, Lawrence D, Van den Eede G	2009	Validity Assessment of the Detection Method of Maize Event Bt10 through Investigation of Its Molecular Structure	J. Agric. Food Chem.	57	3156-3163	<a href="http://dx.doi.org/10.1021/jf802627f">http://dx.doi.org/10.1021/jf802627f</a>
Traceability	Nadal A, Esteve T, Pla M	2009	Multiplex polymerase chain reaction-capillary gel electrophoresis: a promising tool for GMO screening—assay for simultaneous detection of five genetically modified cotton events and species	Journal of AOAC International	92	765-772	
Traceability	Novak PK, Gruden K, Morisset D, Lavrac N, Stebih D, Rotter A, Zel J	2009	GMOtrack: generator of cost-effective GMO testing strategies	Journal of AOAC International	92	1739-1746	

Traceability	Ocaña MF, Fraser PD, Patel RKP, Halket JM, Bramley PM	2009	Evaluation of stable isotope labelling strategies for the quantitation of CP4 EPSPS in genetically modified soya	Analytica Chimica Acta	634	75-82	<a href="http://dx.doi.org/10.1016/j.aca.2008.11.071">http://dx.doi.org/10.1016/j.aca.2008.11.071</a>
Traceability	Oguchi T, Onishi M, Chikagawa Y, Kodama T, Suzuki E, Kasahara M, Akiyama H, Teshima R, Futo S, Hino A, Furui S, Kita K	2009	Investigation of residual DNAs in sugar from sugar beet ( <i>Beta vulgaris</i> L.)	Food Hygiene and Safety Science (Shokuhin Eiseigaku Zasshi)	50	41-46	
Traceability	Oguchi T, Onishi M, Minegishi Y, Kurosawa Y, Kasahara M, Akiyama H, Teshima R, Futo S, Furui S, Hino A, Kita K	2009	PCR Method for Screening Analysis of Genetically Modified Maize	Food Hygiene and Safety Science (Shokuhin Eiseigaku Zasshi)	50	117-125	
Traceability	Randhawa G, Chhabra R, Singh M	2009	Multiplex PCR-Based Simultaneous Amplification of Selectable Marker and Reporter Genes for the Screening of Genetically Modified Crops	J. Agric. Food Chem.	57	5167-5172	<a href="http://dx.doi.org/10.1021/jf900604h">http://dx.doi.org/10.1021/jf900604h</a>
Traceability	Raymond P, Gendron L, Khaif M, Paul S, Dibley KL, Bhat S, Xie VRD, Paris L, Moreau M, E, Dollard C, Côté M-J, Laberge S, Emslie KR	2009	Detection and identification of multiple genetically modified events using DNA insert fingerprinting	Analytical and Bioanalytical Chemistry	396	2091-2102	<a href="http://dx.doi.org/10.1007/s00216-009-3295-6">http://dx.doi.org/10.1007/s00216-009-3295-6</a>
Traceability	Ruttink T, Demeyer R, Gulck E, Droogenbroeck B, Querci M, Taverniers J, Loose M	2009	Molecular toolbox for the identification of unknown genetically modified organisms	Analytical and Bioanalytical Chemistry	396	2073-2089	<a href="http://dx.doi.org/10.1007/s00216-009-3287-6">http://dx.doi.org/10.1007/s00216-009-3287-6</a>
Traceability	Ruttink T, Morisset D, Droogenbroeck B, Lavrač N, Eede GLM, Žel J, Loose M	2009	Knowledge-technology-based discovery of unauthorized genetically modified organisms	Analytical and Bioanalytical Chemistry	396	1951-1959	<a href="http://dx.doi.org/10.1007/s00216-009-3218-6">http://dx.doi.org/10.1007/s00216-009-3218-6</a>
Traceability	Scholten IMJ, Kok EJ, Hougs L, Molenaar B, Thissen JTNM, Voet H	2009	Increased efficacy for in-house validation of real-time PCR GMO detection methods	Analytical and Bioanalytical Chemistry	396	2213-2227	<a href="http://dx.doi.org/10.1007/s00216-009-3315-6">http://dx.doi.org/10.1007/s00216-009-3315-6</a>
Traceability	Sun Y, Kwok Y-C, Foo-Peng Lee P, Nguyen N-T	2009	Rapid amplification of genetically modified organisms using a circular ferofluid-driven PCR microchip	Analytical and Bioanalytical Chemistry	394	1505-1508	<a href="http://dx.doi.org/10.1007/s00216-009-2808-7">http://dx.doi.org/10.1007/s00216-009-2808-7</a>
Traceability	Trapmann S, Corbisier P, Schimmel H, Emons H	2009	Towards future reference systems for GM analysis	Analytical and Bioanalytical Chemistry	396	1969-1975	<a href="http://dx.doi.org/10.1007/s00216-009-3321-8">http://dx.doi.org/10.1007/s00216-009-3321-8</a>
Traceability	Waibinger H-U, Grohmann L, Manikertz J, Engelbert D, Pietsch K	2009	A practical approach to screen for authorised and unauthorised genetically modified plants	Analytical and Bioanalytical Chemistry	396	2065-2072	<a href="http://dx.doi.org/10.1007/s00216-009-3173-2">http://dx.doi.org/10.1007/s00216-009-3173-2</a>
Traceability	Alderborn A, Sundström J, Soeria-Atmadja D, Sandberg M, Andersson HC, Hammerling U	2010	Genetically modified plants for non-food or non-feed purposes: Straightforward screening for their appearance in food and feed	Food and Chemical Toxicology	48	453-464	<a href="http://dx.doi.org/10.1016/j.fct.2009.10.049">http://dx.doi.org/10.1016/j.fct.2009.10.049</a>
Traceability	Alishahi A, Farahmand H, Prieto N, Cozzolino D	2010	Identification of transgenic foods using NIR spectroscopy: A review	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	75	01-Jul	<a href="http://dx.doi.org/10.1016/j.saa.2009.10.001">http://dx.doi.org/10.1016/j.saa.2009.10.001</a>
Traceability	Bahrdt C, Kirsch AB, Wurz A, Wulff D	2010	Validation of a newly developed hexaplex real-time PCR assay for screening for presence of GMOs in food, feed and seed	Analytical and Bioanalytical Chemistry	396	2103-2112	<a href="http://dx.doi.org/10.1007/s00216-009-3380-x">http://dx.doi.org/10.1007/s00216-009-3380-x</a>
Traceability	Bai S, Zhang J, Li S, Chen H, Terzaghi W, Zhang X, Chi X, Tian J, Luo H, Huang W, Chen Y, Zhang Y	2010	Detection of Six Genetically Modified Maize Lines Using Optical Thin-Film Biosensor Chips	J. Agric. Food Chem.	58	8490-8494	<a href="http://dx.doi.org/10.1021/jf100598k">http://dx.doi.org/10.1021/jf100598k</a>
Traceability	Bellochi G, De Giacomo M, Foti N, Mazzara M, Palmaccio E, Savini C, Di Domenicantonio C, Onori R, Van den Eede G	2010	Testing the interaction between analytical modules: an example with Roundup Ready® soybean line GTS 40-3-2	BMC Biotechnology	10	55-55	<a href="http://dx.doi.org/10.1186/1472-6750-10-55">http://dx.doi.org/10.1186/1472-6750-10-55</a>
Traceability	Buh Gašparič M, Tengs T, Paz JL, Holst-Jensen A, Pla M, Esteve T, Žel J, Gruđen K	2010	Comparison of nine different real-time PCR chemistries for qualitative and quantitative applications in GMO detection	Analytical and Bioanalytical Chemistry	396	2023-2029	<a href="http://dx.doi.org/10.1007/s00216-009-3418-0">http://dx.doi.org/10.1007/s00216-009-3418-0</a>
Traceability	Debode F, Marien A, Janssen E, Berben G		Design of multiplex calibrant plasmids, their use in GMO detection and the limit of their applicability for quantitative purposes owing to competition effects	Analytical and Bioanalytical Chemistry	396	2151-2164	<a href="http://dx.doi.org/10.1007/s00216-009-3396-2">http://dx.doi.org/10.1007/s00216-009-3396-2</a>
Traceability	Dinon AZ, Bosco KT, Arisi ACM	2010	Monitoring of Bt11 and Bt1176 genetically modified maize in food sold commercially in Brazil from 2005 to 2007	Journal of the Science of Food and Agriculture	90	1566-1569	<a href="http://dx.doi.org/10.1002/jsfa.3980">http://dx.doi.org/10.1002/jsfa.3980</a>

Traceability	Gryson N	2010	Effect of food processing on plant DNA degradation and PCR-based GMO analysis: a review	Analytical and Bioanalytical Chemistry	396	2003-2022	<a href="http://dx.doi.org/10.1007/s00216-009-3343-2">http://dx.doi.org/10.1007/s00216-009-3343-2</a>
Traceability	Jiang L, Yang L, Rao J, Guo J, Wang S, Liu J, Lee S, Zhang D	2010	Development and in-house validation of the event-specific qualitative and quantitative PCR detection methods for genetically modified cotton MON15985	Journal of the Science of Food and Agriculture	90	402-408	<a href="http://dx.doi.org/10.1002/jsfa.3829">http://dx.doi.org/10.1002/jsfa.3829</a>
Traceability	Kim J-H, Kim S-Y, Lee H, Kim Y-R, Kim H-Y	2010	An Event-Specific DNA Microarray To Identify Genetically Modified Organisms in Processed Foods	J. Agric. Food Chem.	58	6018-6026	<a href="http://dx.doi.org/10.1021/jf100351x">http://dx.doi.org/10.1021/jf100351x</a>
Traceability	Kodama T, Kurosawa Y, Kitta K, Naito S	2010	Tendency for interlaboratory precision in the GMO analysis method based on real-time PCR	Journal of AOAC International	93	734-749	
Traceability	Lien TTN, Lam TD, An VTH, Hoang TV, Quang DT, Khieu DQ, Tsukahara T, Lee YH, Kim JS	2010	Multi-wall carbon nanotubes (MWCNTs)-doped polypyrrole DNA biosensor for label-free detection of genetically modified organisms by QCM and EIS	Talanta	80	1164-1169	<a href="http://dx.doi.org/10.1016/j.talanta.2009.09.002">http://dx.doi.org/10.1016/j.talanta.2009.09.002</a>
Traceability	Lievens A, Bellocchi G, De Bernardi D, Moens W, Savini C, Mazzara M, Van den Eede G, Van den Bulcke M	2010	Use of pJANUS™_02-001 as a calibrator plasmid for Roundup Ready soybean event GTS-40-3-2 detection: an interlaboratory trial assessment	Analytical and Bioanalytical Chemistry	396	2165-2173	<a href="http://dx.doi.org/10.1007/s00216-009-3346-z">http://dx.doi.org/10.1007/s00216-009-3346-z</a>
Traceability	Liu D, Shen J, Yang L, Zhang D	2010	Evaluation of the Impacts of Different Nuclear DNA Content in the Hull, Endosperm, and Embryo of Rice Seeds on GM Rice Quantification	J. Agric. Food Chem.	58	4582-4587	<a href="http://dx.doi.org/10.1021/jf9044233">http://dx.doi.org/10.1021/jf9044233</a>
Traceability	Oguchi T, Onishi M, Mano J, Akiyama H, Teshima R, Futo S, Furu S, Kitta K	2010	Development of Multiplex PCR Method for Simultaneous Detection of Four Events of Genetically Modified Maize: DAS-59122-7, MIR604, MON863 and MON88017	Food Hygiene and Safety Science (Shokuhin Eiseigaku Zasshi)	51	92-100	
Traceability	Papazova N, Zhang D, Gruden K, Vojvoda J, Yang L, Gašparić MB, Blejć A, Foulloux S, Loose M, Taverniers I	2010	Evaluation of the reliability of maize reference assays for GMO quantification	Analytical and Bioanalytical Chemistry	396	2189-2201	<a href="http://dx.doi.org/10.1007/s00216-009-3386-4">http://dx.doi.org/10.1007/s00216-009-3386-4</a>
Traceability	Pirondini A, Bonas U, Maestri E, Viscioli G, Marmiroli M, Marmiroli N	2010	Yield and amplifiability of different DNA extraction procedures for traceability in the dairy food chain	Food Control	21	663-668	<a href="http://dx.doi.org/10.1016/j.foodcont.2009.10.004">http://dx.doi.org/10.1016/j.foodcont.2009.10.004</a>
Traceability	Querri M, Bulcke M, Žel J, Eede G, Broil H	2010	New approaches in GMO detection	Analytical and Bioanalytical Chemistry	396	1991-2002	<a href="http://dx.doi.org/10.1007/s00216-009-3237-3">http://dx.doi.org/10.1007/s00216-009-3237-3</a>
Traceability	Roussier G, Sukhanova A, Even-Desrumaux K, Fleury F, Chames P, Baty D, Oleinikov V, Pluot M, Cohen JHM, Nabiev I	2010	Semiconductor quantum dots for multiplexed bio-detection on solid-state microarrays	Critical Reviews in Oncology/Hematology	74	Jan-15	<a href="http://dx.doi.org/10.1016/j.critrevonc.2009.04.006">http://dx.doi.org/10.1016/j.critrevonc.2009.04.006</a>
Traceability	Székács A, Lauber É, Takács E, Darvas B	2010	Detection of Cry1Ab toxin in the leaves of MON 810 transgenic maize	Analytical and Bioanalytical Chemistry	396	2203-2211	<a href="http://dx.doi.org/10.1007/s00216-009-3384-6">http://dx.doi.org/10.1007/s00216-009-3384-6</a>
Traceability	Takabatake R, Onishi M, Koira T, Futo S, Minegishi Y, Akiyama H, Teshima R, Furu S, Kitta K	2010	Establishment and Evaluation of Event-Specific Quantitative PCR Method for Genetically Modified Soybean MON89788	Food Hygiene and Safety Science (Shokuhin Eiseigaku Zasshi)	51	242-246	
Traceability	Wang C, Jiang L, Rao J, Liu Y, Yang L, Zhang D	2010	Evaluation of Four Genes in Rice for Their Suitability As Endogenous Reference Standards in Quantitative PCR	J. Agric. Food Chem.	58	11543-11547	<a href="http://dx.doi.org/10.1021/jf102092c">http://dx.doi.org/10.1021/jf102092c</a>
Traceability	Akiyama H, Makiyama D, Nakamura K, Sasaki N, Minegishi Y, Mano J, Kitta K, Ozeki Y, Teshima R	2011	A Novel Detection System for the Genetically Modified Canola (Brassica rapa) Line RT73	Anal. Chem.	82	9909-9916	<a href="http://dx.doi.org/doi.10.1021/ac102434q">http://dx.doi.org/doi.10.1021/ac102434q</a>
Traceability	Akiyama H, Sakata K, Kondo K, Tanaka A, Liu MS, Oguchi T, Furu S, Kitta K, Hino A, Teshima R	2011	Individual Detection of Genetically Modified Maize Varieties in Non-Identity-Preserved Maize Samples	J. Agric. Food Chem.	56	1977-1983	<a href="http://dx.doi.org/doi.10.1021/jf0727239">http://dx.doi.org/doi.10.1021/jf0727239</a>
Traceability	Akiyama H, Sakata K, Makiyama D, Nakamura K, Teshima R, Nakashima A, Ogawa A, Yamagishi T, Futo S, Oguchi T, Mano J, Kitta K	2011	Interlaboratory study of DNA extraction from multiple ground samples, multiplex real-time PCR, and multiplex qualitative PCR for individual kernel detection system of genetically modified maize	Journal of AOAC International	94	1540-1547	

Traceability	Baeumler S, Wulff D, Tagliani L, Song P	2011	A Real-Time Quantitative PCR Detection Method Specific to Widespread Transgenic Cotton (Event 281-24-236/3006-210-23)	J. Agric. Food Chem.	54	6527-6534	<a href="http://dx.doi.org/doi:10.1021/jf0610357">http://dx.doi.org/doi:10.1021/jf0610357</a>
Traceability	Bauer T, Kirschbaum K, Panter S, Kenk M, Bergemann J	2011	Sensitive detection of soy (Glycine max) by real-time polymerase chain reaction targeting the mitochondrial atpA gene	Journal of AOAC International	94	1863-1873	
Traceability	Bordoni R, Germini A, Mezzelani A, Marchelli R, De Bellis G	2011	A Microarray Platform for Parallel Detection of Five Transgenic Events in Foods: A Combined Polymerase Chain Reaction-Ligation Detection Reaction-Universal Array Method	J. Agric. Food Chem.	53	912-918	<a href="http://dx.doi.org/doi:10.1021/jf0486949">http://dx.doi.org/doi:10.1021/jf0486949</a>
Traceability	Broothaerts W, Corbisier P, Emons H, Emeborg H, Linsinger TPJ, Trapmann S	2011	Development of a Certified Reference Material for Genetically Modified Potato with Altered Starch Composition	J. Agric. Food Chem.	55	4728-4734	<a href="http://dx.doi.org/doi:10.1021/jf0701584">http://dx.doi.org/doi:10.1021/jf0701584</a>
Traceability	Burrell A, Foy C, Burns M	2011	Applicability of Three Alternative Instruments for Food Authenticity Analysis: GMO Identification	Biotechnology Research International	2011		<a href="http://dx.doi.org/10.4061/2011/838232">http://dx.doi.org/10.4061/2011/838232</a>
Traceability	Cattunar A, Capak K, Novak JZ, Míćović V, Doko-Jelić J, Malatestinić D	2011	Monitoring the presence of genetically modified food on the market of the Republic of Croatia	Collegium antropologicum	35	1231-1236	
Traceability	Chaouachi M, Chupeau GI, Berard AI, McKhann H, Romaniuk M, Giancola S, Laval Vr, Bertheau Y, Brunel D	2011	A High-Throughput Multiplex Method Adapted for GMO Detection	J. Agric. Food Chem.	56	11596-11606	<a href="http://dx.doi.org/doi:10.1021/jf01482r">http://dx.doi.org/doi:10.1021/jf01482r</a>
Traceability	Chaouachi M, El Malki R, Berard A, Romaniuk M, Laval V, Brunel D, Bertheau Y	2011	Development of a Real-Time PCR Method for the Differential Detection and Quantification of Four Solanaceae in GMO Analysis: Potato (Solanum Tuberosum), Tomato (Solanum Lycopersicum), Eggplant (Solanum Melongena), and Pepper (Capsicum Annuum)	J. Agric. Food Chem.	56	1818-1828	<a href="http://dx.doi.org/doi:10.1021/jf073313n">http://dx.doi.org/doi:10.1021/jf073313n</a>
Traceability	Charels D, Broeders S, Corbisier P, Trapmann S, Schimmel H, Linsinger T, Emons H	2011	Toward Metrological Traceability for DNA Fragment Ratios in GM Quantification. 2. Systematic Study of Parameters Influencing the Quantitative Determination of MON 810 Corn by Real-Time PCR	J. Agric. Food Chem.	55	3258-3267	<a href="http://dx.doi.org/doi:10.1021/jf062932d">http://dx.doi.org/doi:10.1021/jf062932d</a>
Traceability	Chen Y, Wang Y, Ge Y, Xu B	2011	Degradation of Endogenous and Exogenous Genes of Roundup-Ready Soybean during Food Processing	J. Agric. Food Chem.	53	10239-10243	<a href="http://dx.doi.org/doi:10.1021/jf0519820">http://dx.doi.org/doi:10.1021/jf0519820</a>
Traceability	Corbisier P, Broothaerts W, Gioria S, Schimmel H, Burns M, Baoutina A, Emslie KR, Furi S, Kurosawa Y, Holden MJ, Kim H-H, Lee Y-m, Kawaharasaki M, Sin D, Wang J	2011	Toward Metrological Traceability for DNA Fragment Ratios in GM Quantification. 1. Effect of DNA Extraction Methods on the Quantitative Determination of Bt176 Corn by Real-Time PCR	J. Agric. Food Chem.	55	3249-3257	<a href="http://dx.doi.org/doi:10.1021/jf062931i">http://dx.doi.org/doi:10.1021/jf062931i</a>
Traceability	Cote M-J, Meldrum AJ, Raymond P, Dollard C	2011	Identification of Genetically Modified Potato (Solanum tuberosum) Cultivars Using Event Specific Polymerase Chain Reaction	J. Agric. Food Chem.	53	6691-6696	<a href="http://dx.doi.org/doi:10.1021/jf050591i">http://dx.doi.org/doi:10.1021/jf050591i</a>
Traceability	Dinon AZ, Prins TW, Dijk JP, Arisi ACM, Scholtens IMJ, Kok EJ	2011	Development and validation of real-time PCR screening methods for detection of cry1A.105 and cry2Ab2 genes in genetically modified organisms	Analytical and Bioanalytical Chemistry	400	1433-1442	<a href="http://dx.doi.org/10.1007/s00216-011-4875-9">http://dx.doi.org/10.1007/s00216-011-4875-9</a>
Traceability	García-Cañas V, Cifuentes A, González R	2011	Quantitation of Transgenic Bt Event-176 Maize Using Double Quantitative Competitive Polymerase Chain Reaction and Capillary Gel Electrophoresis Laser-Induced Fluorescence	Anal. Chem.	76	2306-2313	<a href="http://dx.doi.org/doi:10.1021/ac035481u">http://dx.doi.org/doi:10.1021/ac035481u</a>
Traceability	García-Cañas V, Cifuentes A, González R	2011	Detection of Genetically Modified Organisms in Foods by DNA Amplification Techniques	Critical Reviews in Food Science and Nutrition	44	425-436	<a href="http://dx.doi.org/doi:10.1080/10408690490886665">http://dx.doi.org/doi:10.1080/10408690490886665</a>

Traceability	García-Cañas V, González R, Cifuentes A	2011	Detection of Genetically Modified Maize by the Polymerase Chain Reaction and Capillary Gel Electrophoresis with UV Detection and Laser-Induced Fluorescence	J. Agric. Food Chem.	50	1016-1021	http://dx.doi.org/doi: 10.1021/jf011033g
Traceability	Germi A, Rossi S, Zanetti A, Corradini R, Fogher C, Marchelli R	2011	Development of a Peptide Nucleic Acid Array Platform for the Detection of Genetically Modified Organisms in Food	J. Agric. Food Chem.	53	3958-3962	http://dx.doi.org/doi: 10.1021/jf050016e
Traceability	Ghedira R, Papazova N, Vuyisteke M, Rutink T, Taverniers I, De Loose M	2011	Assessment of Primer/Template Mismatch Effects on Real-Time PCR Amplification of Target Taxa for GMO Quantification	J. Agric. Food Chem.	57	9370-9377	http://dx.doi.org/doi: 10.1021/jf901976a
Traceability	Grohmann L, Brünen-Nieweler C, Nemeth A, Waiblinger H-U	2011	Collaborative Trial Validation Studies of Real-Time PCR-Based GMO Screening Methods for Detection of the bar Gene and the ctp2- <i>cp4epsps</i> Construct	J. Agric. Food Chem.	57	8913-8920	http://dx.doi.org/doi: 10.1021/jf901598f
Traceability	Guan Q, Wang X, Teng D, Yang Y, Tian F, Yin Q, Wang J	2011	Construction of a standard reference plasmid for detecting GM cottonseed meal	Applied biochemistry and biotechnology	165	24-34	http://dx.doi.org/10.1007/s12010-011-9230-2
Traceability	Guo J, Yang L, Chen L, Morisset D, Li X, Pan L, Zhang D	2011	MPIC: A High-Throughput Analytical Method for Multiple DNA Targets	Anal. Chem.	83	1579-1586	http://dx.doi.org/10.1021/ac103266w
Traceability	Hernandez M, Esteve T, Pla M	2011	Real-Time Polymerase Chain Reaction Based Assays for Quantitative Detection of Barley, Rice, Sunflower, and Wheat	J. Agric. Food Chem.	53	7003-7009	http://dx.doi.org/doi: 10.1021/jf050797j
Traceability	Hernandez M, Rodriguez-Lazaro D, Zhang D, Esteve T, Pla M, Prat S	2011	Interlaboratory Transfer of a PCR Multiplex Method for Simultaneous Detection of Four Genetically Modified Maize Lines: Bt11, MON810, T25, and GA21	J. Agric. Food Chem.	53	3333-3337	http://dx.doi.org/doi: 10.1021/jf049192y
Traceability	Holden MJ, Blasic, Bussjaeger L, Kao C, Shokere LA, Kendall DC, Freese L, Jenkins GR	2011	Evaluation of Extraction Methodologies for Corn Kernel (Zea mays) DNA for Detection of Trace Amounts of Biotechnology-Derived DNA	J. Agric. Food Chem.	51	2468-2474	http://dx.doi.org/doi: 10.1021/jf0211130
Traceability	Huang H-Y, Pan T-M	2011	Detection of Genetically Modified Maize MON810 and NK603 by Multiplex and Real-Time Polymerase Chain Reaction Methods	J. Agric. Food Chem.	52	3264-3268	http://dx.doi.org/doi: 10.1021/jf049944o
Traceability	Huang X, Hou L, Xu X, Chen H, Ji H, Zhu S	2011	One-PCR-tube approach for in situ DNA isolation and detection	Analyst	136		http://dx.doi.org/10.1039/c1an15116a
Traceability	Iida M, Yamashiro S, Yamakawa H, Hayakawa K, Kuribara H, Kodama T, Furuji S, Akiyama H, Maitani T, Hino A	2011	Development of Taxon-Specific Sequences of Common Wheat for the Detection of Genetically Modified Wheat	J. Agric. Food Chem.	53	6294-6300	http://dx.doi.org/doi: 10.1021/jf0505731
Traceability	Kodama T, Kasahara M, Minegishi Y, Futo S, Sawada C, Watai M, Akiyama H, Teshima R, Kurosawa Y, Furuji S, Hino A, Kitta K	2011	Qualitative PCR method for Roundup Ready soybean: interlaboratory study	Journal of AOAC International	94	224-231	
Traceability	Kunert R, Gach JS, Vorauer-Uhl K, Engel E, Katinger H	2011	Validated Method for Quantification of Genetically Modified Organisms in Samples of Maize Flour	J. Agric. Food Chem.	54	678-681	http://dx.doi.org/doi: 10.1021/jf052257s
Traceability	Lee S-H, Kim J-K, Yi B-Y	2011	Detection Methods for Biotech Cotton MON 15985 and MON 89913 by PCR	J. Agric. Food Chem.	55	3351-3357	http://dx.doi.org/doi: 10.1021/jf070036b
Traceability	Lee S-H, Kim S-J, Yi B-Y	2011	Simplex and Duplex Event-Specific Analytical Methods for Functional Biotech Maize	J. Agric. Food Chem.	57	7178-7185	http://dx.doi.org/doi: 10.1021/jf901078d
Traceability	Li X, Pan L, Li J, Zhang Q, Zhang S, Lv R, Yang L	2011	Establishment and application of event-specific polymerase chain reaction methods for two genetically modified soybean events, A2704-12 and A5547-127	Journal of agricultural and food chemistry	59	13188-13194	http://dx.doi.org/10.1021/jf202806w
Traceability	Lim M-C, Shin Y-J, Jeon T-J, Kim H-Y, Kim Y-R	2011	Microbead-assisted PDA sensor for the detection of genetically modified organisms	Analytical and Bioanalytical Chemistry	400	777-785	http://dx.doi.org/10.1007/s00216-011-4832-7
Traceability	Liu J, Guo J, Zhang H, Li N, Yang L, Zhang D	2011	Development and In-House Validation of the Event-Specific Polymerase Chain Reaction Detection Methods for Genetically Modified Soybean MON89788 Based on the Cloned Integration Flanking Sequence	J. Agric. Food Chem.	57	10524-10530	http://dx.doi.org/doi: 10.1021/jf900672d

Traceability	Mano J, Shigemitsu N, Futo S, Akiyama H, Teshima R, Hino A, Furui S, Kitta K	2011	Real-Time PCR Array as a Universal Platform for the Detection of Genetically Modified Crops and Its Application in Identifying Unapproved Genetically Modified Crops in Japan	J. Agric. Food Chem.	57	26-37	<a href="http://dx.doi.org/doi:10.1021/jf802551h">http://dx.doi.org/doi:10.1021/jf802551h</a>
Traceability	Mano J, Yanaka Y, Ikezu Y, Onishi M, Futo S, Minegishi Y, Ninomiya K, Yotsuyanagi Y, Spiegelhalter F, Akiyama H, Teshima R, Hino A, Naito S, Koiva T, Takabatake R, Furui S, Kitta K	2011	Practicable Group Testing Method to Evaluate Weight/Weight GMO Content in Maize Grains	J. Agric. Food Chem.	59	6856-6863	<a href="http://dx.doi.org/doi:10.1021/jf200212v">http://dx.doi.org/doi:10.1021/jf200212v</a>
Traceability	Mavropoulou AK, Koraki T, Ioannou PC, Christopoulos TK	2011	High-Throughput Double Quantitative Competitive Polymerase Chain Reaction for Determination of Genetically Modified Organisms	Anal. Chem.	77	4785-4791	<a href="http://dx.doi.org/doi:10.1021/ao050274a">http://dx.doi.org/doi:10.1021/ao050274a</a>
Traceability	Moreano F, Busch U, Engel K-H	2011	Distortion of Genetically Modified Organism Quantification in Processed Foods: Influence of Particle Size Compositions and Heat-Induced DNA Degradation	J. Agric. Food Chem.	53	9971-9979	<a href="http://dx.doi.org/doi:10.1021/jf051894f">http://dx.doi.org/doi:10.1021/jf051894f</a>
Traceability	Murray SR, Butler RC, Hardacre AK, Timmerman-Vaughan GM	2011	Use of Quantitative Real-Time PCR To Estimate Maize Endogenous DNA Degradation after Cooking and Extrusion or in Food Products	J. Agric. Food Chem.	55	2231-2239	<a href="http://dx.doi.org/doi:10.1021/jf0636061">http://dx.doi.org/doi:10.1021/jf0636061</a>
Traceability	Paternò A, Marchesi U, Gatto F, Verginelli D, Quarchioni C, Fusco C, Zepparoni A, Amaddeo D, Ciabatti I	2011	Finding the Joker among the Maize Endogenous Reference Genes for Genetically Modified Organism (GMO) Detection	J. Agric. Food Chem.	57	11086-11091	<a href="http://dx.doi.org/doi:10.1021/jf02560x">http://dx.doi.org/doi:10.1021/jf02560x</a>
Traceability	Peano C, Samson MC, Palmieri L, Gulli M, Marmiroli N	2011	Qualitative and Quantitative Evaluation of the Genomic DNA Extracted from GMO and Non-GMO Foodstuffs with Four Different Extraction Methods	J. Agric. Food Chem.	52	6962-6968	<a href="http://dx.doi.org/doi:10.1021/jf040008i">http://dx.doi.org/doi:10.1021/jf040008i</a>
Traceability	Rott ME, Lawrence TS, Wall EM, Green MJ	2011	Detection and Quantification of Roundup Ready Soy in Foods by Conventional and Real-Time Polymerase Chain Reaction	J. Agric. Food Chem.	52	5223-5232	<a href="http://dx.doi.org/doi:10.1021/jf030803g">http://dx.doi.org/doi:10.1021/jf030803g</a>
Traceability	Sadia M, Rabbani MA, Hameed S, Pearce SR, Malik SA	2011	Isolation of genomic DNA from defatted oil seed residue of rapeseed ( <i>Brassica napus</i> )	Genetics and Molecular Research	10	197-202	<a href="http://dx.doi.org/doi:10.4238/vol10-1gmr1009">http://dx.doi.org/doi:10.4238/vol10-1gmr1009</a>
Traceability	Salvi S, D'Orso F, Morelli G	2011	Detection and Quantification of Genetically Modified Organisms Using Very Short, Locked Nucleic Acid TaqMan Probes	J. Agric. Food Chem.	56	4320-4327	<a href="http://dx.doi.org/doi:10.1021/jf800149j">http://dx.doi.org/doi:10.1021/jf800149j</a>
Traceability	Shimizu E, Kato H, Nakagawa Y, Kodama T, Futo S, Minegishi Y, Watanabe T, Akiyama H, Teshima R, Furui S, Hino A, Kitta K	2011	Development of a Screening Method for Genetically Modified Soybean by Plasmid-Based Quantitative Competitive Polymerase Chain Reaction	J. Agric. Food Chem.	56	5521-5527	<a href="http://dx.doi.org/doi:10.1021/jf073348n">http://dx.doi.org/doi:10.1021/jf073348n</a>
Traceability	Song S, Zhou G, Gao F, Zhang W, Qiu L, Dai S, Xu X, Xiao H	2011	Degradation of transgene DNA in genetically modified herbicide-tolerant rice during food processing	Food and Chemical Toxicology			<a href="http://dx.doi.org/doi:10.1016/j.fct.2011.08.003">http://dx.doi.org/doi:10.1016/j.fct.2011.08.003</a>
Traceability	Takabatake R, Akiyama H, Sakata K, Onishi M, Koiva T, Futo S, Minegishi Y, Teshima R, Mano J, Furui S, Kitta K	2011	Development and Evaluation of Event-Specific Quantitative PCR Method for Genetically Modified Soybean A2704-12	Food Hygiene and Safety Science (Shokuhin Eiseigaku Zasshi)	52	100-107	
Traceability	Takabatake R, Koiva T, Kasahara M, Takashima K, Futo S, Minegishi Y, Akiyama H, Teshima R, Oguchi T, Mano J, Furui S, Kitta K	2011	Interlaboratory Validation of Quantitative Duplex Real-Time PCR Method for Screening Analysis of Genetically Modified Maize	Food Hygiene and Safety Science (Shokuhin Eiseigaku Zasshi)	52	265-269	
Traceability	Tani H, Noda N, Yamada K, Kurata S, Tsuneda S, Hirata A, Kanagawa T	2011	Quantification of Genetically Modified Soybean by Quencher Probe Polymerase Chain Reaction	J. Agric. Food Chem.	53	2535-2540	<a href="http://dx.doi.org/doi:10.1021/jf048031r">http://dx.doi.org/doi:10.1021/jf048031r</a>
Traceability	Tian F, Wang X, Teng D, Yang Y, Guan Q, Ao C, Wang J	2011	Optimization of a multiplex PCR assay for detecting transgenic soybean components in feed products	Applied biochemistry and biotechnology	165	1225-1234	<a href="http://dx.doi.org/doi:10.1007/s12010-011-9340-x">http://dx.doi.org/doi:10.1007/s12010-011-9340-x</a>

Traceability	Travas-Sajdic J, Peng H, Yu H-h, Luo S-C	2011	DNA Detection Using Functionalized Conducting Polymers	Bioconjugation Protocols	751	437-452	
Traceability	Trifa Y, Zhang D	2011	DNA Content in Embryo and Endosperm of Maize Kernel (Zea mays L.): Impact on GMO Quantification	J. Agric. Food Chem.	52	1044-1048	<a href="http://dx.doi.org/doi:10.1021/jf034574+">http://dx.doi.org/doi:10.1021/jf034574+</a>
Traceability	Waltz E	2011	European ruling raises specter of mandatory GM pollen tests on honey	Nat Biotech	29		<a href="http://dx.doi.org/10.1038/nbt1111-988b">http://dx.doi.org/10.1038/nbt1111-988b</a>
Traceability	Wang X, Teng D, Yang Y, Tian F, Guan Q, Wang J	2011	Construction of a reference plasmid molecule containing eight targets for the detection of genetically modified crops	Applied Microbiology and Biotechnology	90	721-731	<a href="http://dx.doi.org/10.1007/s00253-011-3159-9">http://dx.doi.org/10.1007/s00253-011-3159-9</a>
Traceability	Xu J, Zhu S, Miao H, Huang W, Qiu M, Huang Y, Fu X, Li Y	2011	Event-Specific Detection of Seven Genetically Modified Soybean and Maizes Using Multiplex-PCR Coupled with Oligonucleotide Microarray	J. Agric. Food Chem.	55	5575-5579	<a href="http://dx.doi.org/doi:10.1021/jf070433m">http://dx.doi.org/doi:10.1021/jf070433m</a>
Traceability	Yang L, Guo J, Pan A, Zhang H, Zhang K, Wang Z, Zhang D	2011	Event-Specific Quantitative Detection of Nine Genetically Modified Maizes Using One Novel Standard Reference Molecule	J. Agric. Food Chem.	55	15-24	<a href="http://dx.doi.org/doi:10.1021/jf0615754">http://dx.doi.org/doi:10.1021/jf0615754</a>
Traceability	Yang L, Pan A, Zhang K, Guo J, Yin C, Chen J, Huang C, Zhang D	2011	Identification and Quantification of Three Genetically Modified Insect Resistant Cotton Lines Using Conventional and TaqMan Real-Time Polymerase Chain Reaction Methods	J. Agric. Food Chem.	53	6222-6229	<a href="http://dx.doi.org/doi:10.1021/jf050095u">http://dx.doi.org/doi:10.1021/jf050095u</a>
Traceability	Yang L, Xu S, Pan A, Yin C, Zhang K, Wang Z, Zhou Z, Zhang D	2011	Event Specific Qualitative and Quantitative Polymerase Chain Reaction Detection of Genetically Modified MON863 Maize Based on the 5'-Transgene Integration Sequence	J. Agric. Food Chem.	53	9312-9318	<a href="http://dx.doi.org/doi:10.1021/jf051782o">http://dx.doi.org/doi:10.1021/jf051782o</a>
Traceability	Yoshimura T, Kuribara H, Kodama T, Yamata S, Futo S, Watanabe S, Aoki N, Iizuka T, Akiyama H, Maitani T, Naito S, Hino A	2011	Comparative Studies of the Quantification of Genetically Modified Organisms in Foods Processed from Maize and Soy Using Trial Producing	J. Agric. Food Chem.	53	2060-2069	<a href="http://dx.doi.org/doi:10.1021/jf0483265">http://dx.doi.org/doi:10.1021/jf0483265</a>
Traceability	Yoshimura T, Kuribara H, Matsuoka T, Kodama T, Iida M, Watanabe T, Akiyama H, Maitani T, Furui S, Hino A	2011	Applicability of the Quantification of Genetically Modified Organisms to Foods Processed from Maize and Soy	J. Agric. Food Chem.	53	2052-2059	<a href="http://dx.doi.org/doi:10.1021/jf048327x">http://dx.doi.org/doi:10.1021/jf048327x</a>
Traceability	Zhang C, Xu W, Zhai Z, Luo Y, Yan X, Zhang N, Huang K	2011	Universal Primer-Multiplex-Polymerase Chain Reaction (UP-M-PCR) and Capillary Electrophoresis-Laser-Induced Fluorescence Analysis for the Simultaneous Detection of Six Genetically Modified Maize Lines	J. Agric. Food Chem.	59	5188-5194	<a href="http://dx.doi.org/doi:10.1021/jf2008088">http://dx.doi.org/doi:10.1021/jf2008088</a>
Traceability	Zhang D, Guo J	2011	The Development and Standardization of Testing Methods for Genetically Modified Organisms and their Derived Products	Journal of integrative plant biology	53	539-551	<a href="http://dx.doi.org/10.1111/j.1744-7909.2011.01060.x">http://dx.doi.org/10.1111/j.1744-7909.2011.01060.x</a>
Traceability	Zhu X, Chen L, Shen P, Jia J, Zhang D, Yang L	2011	High Sensitive Detection of Cry1Ab Protein Using a Quantum Dot-Based Fluorescence-Linked Immunosorbent Assay	J. Agric. Food Chem.	59	2184-2189	<a href="http://dx.doi.org/10.1021/jf104140t">http://dx.doi.org/10.1021/jf104140t</a>
Traceability	Akiyama H, Minegishi Y, Makiyama D, Mano J, Sakata K, Nakamura K, Noguchi A, Takabatake R, Futo S, Kondo K, Kita K, Kato Y, Teshima R	2012	Quantification and identification of genetically modified maize events in non-identity preserved maize samples in 2009 using an individual kernel detection system	Shokuhin eiseigaku zasshi. Journal of the Food Hygienic Society of Japan	53	157-165	
Traceability	Al-Salameen F, Kumrat V, Al-Aqeel H, Al-Hashash H, Hejji AB	2012	Detection of genetically modified DNA in fresh and processed foods sold in Kuwait	GM crops & food	3	283-288	<a href="http://dx.doi.org/10.4161/gmcr.21364">http://dx.doi.org/10.4161/gmcr.21364</a>
Traceability	Caprioara-Buda M, Meyer W, Jeynov B, Corbisier P, Trapmann S, Emons H	2012	Evaluation of plasmid and genomic DNA calibrants used for the quantification of genetically modified organisms	Analytical and Bioanalytical Chemistry	404	29-42	<a href="http://dx.doi.org/10.1007/s00216-012-6104-6">http://dx.doi.org/10.1007/s00216-012-6104-6</a>
Traceability	Chaouachi M, Alaya A, Ali IBH, Hafsa AB, Nabi N, Béard A, Romaniuk M, Skhiri F, Said K	2012	Development of real-time PCR method for the detection and the quantification of a new endogenous reference gene in sugar beet "Beta vulgaris L.". GMO application	Plant cell reports			<a href="http://dx.doi.org/10.1007/s00299-012-1346-5">http://dx.doi.org/10.1007/s00299-012-1346-5</a>

Traceability	Esteve Agelet L, Gowen AA, Hurlburgh CR, Jr., O'Donnell CP	2012	Feasibility of conventional and Roundup Ready® soybeans discrimination by different near infrared reflectance technologies	Food chemistry	134	1165-1172	<a href="http://dx.doi.org/10.1016/j.foodchem.2012.02.144">http://dx.doi.org/10.1016/j.foodchem.2012.02.144</a>
Traceability	Folloni S, Kagkli D-M, Rajcevic B, Guimaraes NCC, Van Droogenbroeck B, Valicente FH, Van den Eede G, Van den Buijck M	2012	Detection of airborne genetically modified maize pollen by real-time PCR	Molecular ecology resources	12	810-821	<a href="http://dx.doi.org/10.1111/j.1755-0998.2012.03168.x">http://dx.doi.org/10.1111/j.1755-0998.2012.03168.x</a>
Traceability	Holst-Jensen A, Bertheau Y, de Loose M, Grohmann L, Hameis S, Hougs L, Morisset D, Pecoraro S, Pla M, den Buijck MV, Wulff D	2012	Detecting un-authorized genetically modified organisms (GMOs) and derived materials	Biotechnology Advances			<a href="http://dx.doi.org/10.1016/j.biotechadv.2012.01.024">http://dx.doi.org/10.1016/j.biotechadv.2012.01.024</a>
Traceability	Jenkins GR, Helber JT, Freese LD	2012	Concordance Study: Methods of Quantifying Corn and Soybean Genomic DNA Intended for Real-Time Polymerase Chain Reaction Applications	Journal of agricultural and food chemistry			<a href="http://dx.doi.org/10.1021/jf301586s">http://dx.doi.org/10.1021/jf301586s</a>
Traceability	Jiang C, Xu S, Zhang S, Jia L	2012	Chitosan functionalized magnetic particle-assisted detection of genetically modified soybeans based on polymerase chain reaction and capillary electrophoresis	Analytical Biochemistry	420	20-25	<a href="http://dx.doi.org/10.1016/j.ab.2011.09.004">http://dx.doi.org/10.1016/j.ab.2011.09.004</a>
Traceability	Kiddle G, Hardinge P, Buttigieg N, Gandelman O, Pereira C, McElgunn CJ, Rizzoli M, Jackson R, Appleton N, Moore C, Tisi LC, Murray, JAH	2012	GMO detection using a bioluminescent real time reporter (BART) of loop mediated isothermal amplification (LAMP) suitable for field use	BMC Biotechnology	12		<a href="http://dx.doi.org/10.1186/1472-6750-12-15">http://dx.doi.org/10.1186/1472-6750-12-15</a>
Traceability	Li P, Jia JW, Jiang LX, Zhu H, Bai L, Wang JB, Tang XM, Pan AH	2012	Event-specific qualitative and quantitative PCR detection of the GMO carnation ( <i>Dianthus caryophyllus</i> ) variety Moonlite based upon the 5'-trypsinase integration sequence	Genetics and molecular research: GMR	11	1117-1129	<a href="http://dx.doi.org/10.4238/2012.April.27.11">http://dx.doi.org/10.4238/2012.April.27.11</a>
Traceability	Mano J, Furuji S, Takashima K, Koiba T, Futo S, Minegishi Y, Akiyama H, Teshima R, Kurashima T, Takabatake R, Kitta K	2012	Development and Validation of Event-Specific Quantitative PCR Method for Genetically Modified Maize MIR604	Shokuhin eiseigaku zasshi. Journal of the Food Hygienic Society of Japan	53	166-171	
Traceability	Mano J, Harada M, Takabatake R, Furuji S, Kitta K, Nakamura K, Akiyama H, Teshima R, Noritake H, Hatano S, Futo S, Minegishi Y, Iizuka T	2012	Comprehensive GMO detection using real-time PCR array, single-laboratory validation	Journal of AOAC International	95	508-516	
Traceability	Meng Y, Liu X, Wang S, Zhang D, Yang L	2012	Applicability of plasmid calibrant pTC1507 in interlaboratory study	Journal of agricultural and food chemistry	60	23-28	<a href="http://dx.doi.org/10.1021/jf2034972">http://dx.doi.org/10.1021/jf2034972</a>
Traceability	Randhawa GJ, Singh M	2012	Multiplex, construct-specific, and real-time PCR-based analytical methods for Bt rice with cry1Ac gene	Journal of AOAC International	95	186-194	
Traceability	Wang X, Teng D, Tian F, Guan Q, Wang J	2012	Comparison of three DNA extraction methods for feed products and four amplification methods for the 5'-junction fragment of Roundup Ready soybean	Journal of agricultural and food chemistry	60	4586-4595	<a href="http://dx.doi.org/10.1021/jf300827q">http://dx.doi.org/10.1021/jf300827q</a>
Traceability	Wang X, Teng D, Xi D, Guan Q, Wang J	2012	Construction of a reference plasmid containing ten targets for the detection of genetically modified crops	Plasmid			<a href="http://dx.doi.org/10.1016/j.plasmid.2012.09.005">http://dx.doi.org/10.1016/j.plasmid.2012.09.005</a>
Traceability	Wu H, Zhang Y, Zhu C, Xiao X, Zhou X, Xu S, Shen W, Huang M	2012	Presence of CP4-EPSPS Component in Roundup Ready Soybean-Derived Food Products	International journal of molecular sciences	13	1919-1932	<a href="http://dx.doi.org/10.3390/ijms13021919">http://dx.doi.org/10.3390/ijms13021919</a>
Traceability	Xiao X, Wu H, Zhou X, Xu S, He J, Shen W, Zhou G, Huang M	2012	The combination of quantitative PCR and western blot detecting CP4-EPSPS component in Roundup Ready soy plant tissues and commercial soy-related foodstuffs	Journal of Food Science	77	C603-608	<a href="http://dx.doi.org/10.1111/j.1750-3841.2012.02718.x">http://dx.doi.org/10.1111/j.1750-3841.2012.02718.x</a>
Traceability	Xu W, Zhai Z, Huang K, Zhang N, Yuan Y, Shang Y, Luo Y	2012	A novel universal primer-multiplex-PCR method with sequencing gel electrophoresis analysis	PLoS ONE	7		<a href="http://dx.doi.org/10.1371/journal.pone.0022900">http://dx.doi.org/10.1371/journal.pone.0022900</a>



Traceability	Yang C,Zhang D,Yang L	2012	Development of event-specific PCR detection methods for genetically modified tomato Huafan No. 1	Journal of the science of food and agriculture			<a href="http://dx.doi.org/10.1002/jsfa.5908">http://dx.doi.org/10.1002/jsfa.5908</a>
Traceability	Nakamura K,Akiyama H,Takahashi Y,Kobayashi T,Noguchi A,Ohmori K,Kasahara M,Kitta K,Nakazawa H,Kondo K,Teshima R	2013	Application of a qualitative and quantitative real-time polymerase chain reaction method for detecting genetically modified papaya line 55-1 in papaya products	Food chemistry	136	895-901	<a href="http://dx.doi.org/10.1016/j.foodchem.2012.08.088">http://dx.doi.org/10.1016/j.foodchem.2012.08.088</a>