

# CITATION REPORT

List of articles citing

## Assaying chimeric genes in plants: The GUS gene fusion system

DOI: 10.1007/bf02667740

Plant Molecular Biology Reporter, 1987, 5, 387-405.

**Source:** <https://exaly.com/paper-pdf/19441735/citation-report.pdf>

**Version:** 2024-04-23

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2333	Transient gene expression in electroporated <i>Picea glauca</i> protoplasts. <b>1988</b> , 7, 481-4		65
2332	Production of Transgenic Soybean Plants Using <i>Agrobacterium</i> -Mediated DNA Transfer. <b>1988</b> , 6, 915-922		238
2331	Stable Transformation of Soybean ( <i>Glycine Max</i> ) by Particle Acceleration. <b>1988</b> , 6, 923-926		312
2330	Yeast activators stimulate plant gene expression. <b>1988</b> , 334, 631-3		161
2329	Specific expression of a novel cell wall hydroxyproline-rich glycoprotein gene in lateral root initiation. <b>1989</b> , 3, 1639-46		138
2328	Cell Biological Aspects of Gene Delivery into Plant Protoplasts by Electroporation. <b>1989</b> , 116, 229-255		11
2327	A non-destructive assay for GUS in the media of plant tissue cultures. <i>Plant Molecular Biology Reporter</i> , <b>1989</b> , 7, 209-216	1.7	19
2326	Evidence that nucleocapsid disassembly and a later step in virus replication are inhibited in transgenic tobacco protoplasts expressing TMV coat protein. <b>1989</b> , 172, 370-3		54
2325	<i>Agrobacterium</i> -mediated transformation of somatic embryos as a method for the production of transgenic plants. <b>1989</b> , 12, 145-150		13
2324	Rapid detection of bacterial hygromycin B phosphotransferase in <i>Aspergillus niger</i> transformants. <b>1989</b> , 30, 371-374		8
2323	Efficient transformation of <i>Arabidopsis thaliana</i> using direct gene transfer to protoplasts. <b>1989</b> , 217, 6-12		120
2322	Antisense RNA inhibition of beta-glucuronidase gene expression in transgenic tobacco plants. <b>1989</b> , 13, 399-409		46
2321	Stable co-transformation of maize protoplasts with <i>gusA</i> and <i>neo</i> genes. <b>1989</b> , 13, 151-61		61
2320	Direct DNA transfer to plant cells. <b>1989</b> , 13, 273-85		73
2319	Regulation of plant genes specifically induced in nitrogen-fixing nodules: role of cis-acting elements and trans-acting factors in leghemoglobin gene expression. <b>1989</b> , 13, 319-25		34
2318	A class II patatin promoter is under developmental control in both transgenic potato and tobacco plants. <b>1989</b> , 219, 390-6		45
2317	Transfection of germinating barley seed electrophoretically with exogenous DNA. <b>1989</b> , 77, 469-72		42

2316	Fertile transgenic rice plants regenerated from transformed protoplasts. <b>1989</b> , 338, 274-276		489
2315	Initiation of translation of the $\beta$ glucuronidase reporter gene at internal aug codons in plant cells. <b>1989</b> , 62, 199-205		15
2314	Biological activity of hemimethylated and single-stranded DNA after direct gene transfer into tobacco protoplasts. <b>1989</b> , 253, 163-166		16
2313	Regulated genes in transgenic plants. <b>1989</b> , 244, 174-81		302
2312	Somatic versus sexual hybridization: features, facts and future. <b>1989</b> , 38, 253-272		23
2311	Molecular genetics of <i>Streptococcus thermophilus</i> . <b>1990</b> , 87, 61-78		64
2310	<i>Agrobacterium</i> Mediated Transformation of Rice ( <i>Oryza sativa</i> L.). <b>1990</b> , 8, 33-38		114
2309	Induction of male sterility in plants by a chimaeric ribonuclease gene. <b>1990</b> , 347, 737-741		723
2308	A general procedure for protoplast recovery, callus and plant regeneration in plants. <b>1990</b> , 26, 315-317		
2307	A method for early detection of T-DNA transfer. <i>Plant Molecular Biology Reporter</i> , <b>1990</b> , 8, 28-39	1.7	18
2306	Mapping sequences required for productive replication of beet necrotic yellow vein virus RNA 3. <b>1990</b> , 178, 273-80		48
2305	A quantitative assay for neomycin phosphotransferase activity in plants. <b>1990</b> , 185, 319-23		22
2304	Improved efficiency of the walnut somatic embryo gene transfer system. <b>1990</b> , 8, 512-6		81
2303	In situ detection of transposition of the maize controlling element (Ac) in transgenic soybean tissues. <b>1990</b> , 8, 542-5		37
2302	Cotransformation frequencies of foreign genes in soybean cell cultures. <b>1990</b> , 79, 337-41		66
2301	Bialaphos selection of stable transformants from maize cell culture. <b>1990</b> , 79, 625-31		136
2300	Co-transformation of indica rice protoplasts with gusA and neo genes. <b>1990</b> , 9, 168-72		38
2299	<i>Agrobacterium</i> -mediated transformation of strawberry calli and recovery of transgenic plants. <b>1990</b> , 9, 10-3		24

2298	Stable transformation of papaya via microprojectile bombardment. <b>1990</b> , 9, 189-94	111
2297	Genetic transformation of strawberry by <i>Agrobacterium tumefaciens</i> using a leaf disk regeneration system. <b>1990</b> , 9, 293-8	51
2296	Construction of an intron-containing marker gene: splicing of the intron in transgenic plants and its use in monitoring early events in <i>Agrobacterium</i> -mediated plant transformation. <b>1990</b> , 220, 245-50	651
2295	Expression of the beta-glucuronidase gene under the control of the CaMV 35s promoter in <i>Schizosaccharomyces pombe</i> . <b>1990</b> , 220, 314-6	35
2294	cis regulatory elements directing tuber-specific and sucrose-inducible expression of a chimeric class I patatin promoter/GUS-gene fusion. <b>1990</b> , 223, 401-6	87
2293	Enhancer sequences from <i>Arabidopsis thaliana</i> obtained by library transformation of <i>Nicotiana tabacum</i> . <b>1990</b> , 223, 169-79	15
2292	Transformation of cotton ( <i>Gossypium hirsutum</i> L.) via particle bombardment. <b>1990</b> , 8, 586-9	217
2291	Regulation of a stilar transmitting tissue-specific gene in wild-type and transgenic tomato and tobacco. <b>1990</b> , 224, 183-92	50
2290	Systemically wound-responsive genes in poplar trees encode proteins similar to sweet potato sporamins and legume Kunitz trypsin inhibitors. <b>1990</b> , 14, 51-9	77
2289	Localized transient expression of GUS in leaf discs following cocultivation with <i>Agrobacterium</i> . <b>1990</b> , 14, 61-72	239
2288	Analysis of promoter activity from an alpha-zein gene 5' flanking sequence in transient expression assays. <b>1990</b> , 15, 755-64	26
2287	Transformation and regeneration of the self-incompatible species <i>Nicotiana alata</i> Link & Otto. <b>1990</b> , 14, 815-24	15
2286	Organ-specific modulation of gene expression in transgenic plants using antisense RNA. <b>1990</b> , 15, 39-47	52
2285	Analysis of leaky viral translation termination codons in vivo by transient expression of improved beta-glucuronidase vectors. <b>1990</b> , 15, 65-79	75
2284	Histochemical analysis of CaMV 35S promoter-beta-glucuronidase gene expression in transgenic rice plants. <b>1990</b> , 15, 527-38	161
2283	Developmental regulation of expression of the malate synthase gene in transgenic plants. <b>1990</b> , 15, 539-49	35
2282	Development of a heat shock inducible expression cassette for plants: characterization of parameters for its use in transient expression assays. <b>1990</b> , 14, 949-67	46
2281	Deletion analysis of a zein gene promoter in transgenic tobacco plants. <b>1990</b> , 14, 323-32	53

2280	Characteristics of a strong promoter from figwort mosaic virus: comparison with the analogous 35S promoter from cauliflower mosaic virus and the regulated mannopine synthase promoter. <b>1990</b> , 14, 433-43	119
2279	Use of the GUS gene as a selectable marker for Agrobacterium-mediated transformation of Rubus. <b>1990</b> , 20, 35-39	39
2278	Manipulation of beta-glucuronidase for use as a reporter in vacuolar targeting studies. <b>1990</b> , 15, 821-5	29
2277	The effect of T-DNA copy number, position and methylation on reporter gene expression in tobacco transformants. <b>1990</b> , 15, 851-64	300
2276	Application of the beta-glucuronidase gene fusion system to Saccharomyces cerevisiae. <b>1990</b> , 17, 261-4	41
2275	Evolutionary conservation of transcriptional machinery between yeast and plants as shown by the efficient expression from the CaMV 35S promoter and 35S terminator. <b>1990</b> , 17, 473-9	28
2274	Agrobacterium tumefaciens T-DNA gene 6b stimulates rol-induced root formation, permits growth at high auxin concentrations and increases root size. <b>1990</b> , 223, 1-10	40
2273	Auxin regulates the promoter of the root-inducing rolB gene of Agrobacterium rhizogenes in transgenic tobacco. <b>1990</b> , 223, 58-64	59
2272	Expression of a foreign gene in electroporated pollen grains of tobacco. <b>1990</b> , 3, 147	23
2271	Molecular analysis of a phylogenetically conserved carrot gene: developmental and environmental regulation. <b>1990</b> , 11, 65-76	39
2270	Chimeric genes and transgenic plants are used to study the regulation of genes involved in symbiotic plant-microbe interactions (nodulin genes). <b>1990</b> , 11, 182-96	21
2269	Cell type specific expression of a CaMV 35S-GUS gene in transgenic soybean plants. <b>1990</b> , 11, 289-293	37
2268	Identification of a locus that regulates multiple functions in Pseudomonas solanacearum. <b>1990</b> , 172, 4728-31	17
2267	REGENERABLE SUSPENSION AND PROTOPLAST CULTURES OF BARLEY AND STABLE TRANSFORMATION VIA DNA UPTAKE INTO PROTOPLASTS. <b>1990</b> , 231-238	20
2266	Agrobacterium infection of five New Zealand fruit crops. <b>1990</b> , 18, 153-156	7
2265	Genetic Transformation of Nicotiana Tabacum cv. Nevrokop A24. <b>1990</b> , 4, 58-61	
2264	Transient Expression of Exogenous DNA in Intact, Viable Wheat Embryos Following Particle Bombardment. <b>1990</b> , 41, 1161-1165	40
2263	Stamens and Gibberellic Acid in the Regulation of Flavonoid Gene Expression in the Corolla of Petunia hybrida. <b>1990</b> , 94, 511-5	47

2262	Temporal and spatial regulation of the symbiotic genes of <i>Rhizobium meliloti</i> in planta revealed by transposon Tn5-gusA. <b>1990</b> , 4, 344-56	168
2261	Gene Manipulation in Plant Improvement II. <b>1990</b> ,	1
2260	Antisense RNA Inhibition of $\beta$ Glucuronidase Gene Expression in Transgenic Tobacco can be Transiently Overcome Using a Heat-Inducible $\beta$ Glucuronidase Gene Construct. <b>1990</b> , 8, 459-464	7
2259	A regulatory gene as a novel visible marker for maize transformation. <b>1990</b> , 247, 449-50	229
2258	Characterization of a potato leafroll luteovirus subgenomic RNA: differential expression by internal translation initiation and UAG suppression. <b>1990</b> , 71 ( Pt 10), 2265-72	73
2257	The pFF plasmids: cassettes utilising CaMV sequences for expression of foreign genes in plants. <b>1990</b> , 14, 333-44	135
2256	Transformation of <i>Brassica napus</i> L. (oilseed rape) using <i>Agrobacterium tumefaciens</i> and <i>Agrobacterium rhizogenes</i> [A comparison. <b>1990</b> , 70, 91-99	55
2255	An improved assay for $\beta$ glucuronidase in transformed cells: Methanol almost completely suppresses a putative endogenous $\beta$ glucuronidase activity. <b>1990</b> , 70, 133-140	355
2254	<i>Agrobacterium</i> -Mediated Genetic Transformation of Grapevines: Transgenic Plants of <i>Vitis rupestris</i> SCHEELE and Buds of <i>Vitis vinifera</i> L.. <b>1990</b> , 8, 1041-1045	68
2253	Anaerobic induction and tissue-specific expression of maize <i>Adh1</i> promoter in transgenic rice plants and their progeny. <b>1991</b> , 228, 40-8	45
2252	The oligopeptide (Gly-Pro) <sub>2</sub> -Ala-(Gly-Pro) <sub>2</sub> increases the internal proline level and improves NaCl tolerance when produced in <i>Escherichia coli</i> . <b>1991</b> , 109, 125-9	10
2251	Expression of the gene encoding the coat protein of cucumber mosaic virus (CMV) strain WL appears to provide protection to tobacco plants against infection by several different CMV strains. <b>1991</b> , 107, 181-8	44
2250	Cultivar-strain specificity between <i>Chrysanthemum morifolium</i> and <i>Agrobacterium tumefaciens</i> . <b>1991</b> , 39, 309-323	21
2249	Gene Transfer by Cocultivation of Mature Embryos with <i>Agrobacterium tumefaciens</i> : Application to Cowpea ( <i>Vigna unguiculata</i> Walp). <b>1991</b> , 138, 39-43	42
2248	Wound-responsive gene expression in poplars. <b>1991</b> , 43, 211-224	11
2247	Sugar-Dependent Expression of the CHS-A Gene for Chalcone Synthase from <i>Petunia</i> in Transgenic <i>Arabidopsis</i> . <b>1991</b> , 97, 1414-21	238
2246	Repression of the CaMV 35S promoter by the octopine synthase enhancer element. <b>1991</b> , 293, 175-8	3
2245	The <i>Viviparous-1</i> developmental gene of maize encodes a novel transcriptional activator. <b>1991</b> , 66, 895-905	583

2244	Analysis of a sunflower polyubiquitin promoter by transient expression. <b>1991</b> , 79, 87-94	44
2243	Electroporation-mediated and silicon carbide fiber-mediated DNA delivery in <i>Agrostis alba</i> L. (Redtop). <b>1991</b> , 79, 247-252	38
2242	A microassay for quantitative determination of $\beta$ -glucuronidase reporter gene activities in individually selected single higher plant cells. <b>1991</b> , 78, 73-80	4
2241	Transient transformation of maize tissues by microparticle bombardment. <b>1991</b> , 75, 237-243	34
2240	A bifunctional fusion between beta-glucuronidase and neomycin phosphotransferase: a broad-spectrum marker enzyme for plants. <b>1991</b> , 101, 239-46	123
2239	Genetic and biochemical characterization of a <i>Pseudomonas solanacearum</i> gene cluster required for extracellular polysaccharide production and for virulence. <b>1991</b> , 173, 1654-62	31
2238	Isolation and characterization of a small heat shock protein gene from maize. <b>1991</b> , 96, 1268-76	44
2237	10 Procedures and Prospects for DNA-Mediated Transformation of Ectomycorrhizal Fungi. <b>1991</b> , 23, 281-293	6
2236	Transcription in vitro of a napin gene, napA, from <i>Brassica napus</i> with a HeLa cell nuclear extract. <b>1991</b> , 115, 191-3	2
2235	Transformation of maize using microprojectile bombardment: An update and perspective. <b>1991</b> , 27, 21-27	12
2234	Transformation of soybean via particle bombardment of embryogenic suspension culture tissue. <b>1991</b> , 27, 175-182	161
2233	Transient gene expression in electroporated bean cotyledon protoplasts. <i>Plant Molecular Biology Reporter</i> , <b>1991</b> , 9, 322-332	1.7 9
2232	Transactivation in a geminivirus: AL2 gene product is needed for coat protein expression. <b>1991</b> , 180, 416-9	111
2231	Expression of photosynthesis gene-promoter fusions in leaf epidermal cells of transgenic tobacco plants. <b>1991</b> , 1, 115-120	32
2230	Transcriptional repression of light-induced flavonoid synthesis by elicitor treatment of cultured parsley cells. <b>1991</b> , 1, 227-234	57
2229	A promoter sequence involved in cell-specific expression of the pea glutamine synthetase GS3A gene in organs of transgenic tobacco and alfalfa. <b>1991</b> , 1, 235-44	66
2228	An immunoaffinity immobilized enzyme assay for neomycin phosphotransferase II in crude cell extracts. <b>1991</b> , 194, 64-8	10
2227	Transient and stable expression of marker genes in cotransformed <i>Petunia</i> protoplasts in relation to X-ray and UV-irradiation. <b>1991</b> , 1, 38-44	9

2226	Isolation and molecular characterization of PosF21, an Arabidopsis thaliana gene which shows characteristics of a b-Zip class transcription factor.. <b>1991</b> , 1, 303-316	7
2225	Stable transformation of Sorghum bicolor protoplasts with chimeric neomycin phosphotransferase II and $\beta$ glucuronidase genes. <b>1991</b> , 82, 161-8	50
2224	Limited DNA elimination from the irradiated potato parent in fusion products of albino Lycopersicon esculentum and Solanum tuberosum. <b>1991</b> , 83, 225-32	58
2223	Lipofectin: direct gene transfer to higher plants using cationic liposomes. <b>1991</b> , 83, 1-5	18
2222	Transient expression of $\beta$ glucuronidase in different cellular compartments following biolistic delivery of foreign DNA into wheat leaves and calli. <b>1991</b> , 9, 615-9	46
2221	Regeneration and Agrobacterium-mediated transformation of chrysanthemum. <b>1991</b> , 10, 195-9	63
2220	Effect of culture conditions on Agrobacterium-mediated transformation in datura. <b>1991</b> , 10, 90-3	22
2219	High intensity and blue light regulated expression of chimeric chalcone synthase genes in transgenic Arabidopsis thaliana plants. <b>1991</b> , 226, 449-56	69
2218	Expression of photosynthetic genes from the C4 plant, maize, in tobacco. <b>1991</b> , 225, 411-9	39
2217	A novel seed protein gene from Vicia faba is developmentally regulated in transgenic tobacco and Arabidopsis plants. <b>1991</b> , 225, 459-67	82
2216	The chloroplast FBPase gene of wheat: structure and expression of the promoter in photosynthetic and meristematic cells of transgenic tobacco plants. <b>1991</b> , 225, 209-16	37
2215	Functional analysis of cis-elements, auxin response and early developmental profiles of the mannopine synthase bidirectional promoter. <b>1991</b> , 230, 463-74	33
2214	Genetic transformation of Arabidopsis thaliana zygotic embryos and identification of critical parameters influencing transformation efficiency. <b>1991</b> , 230, 475-85	50
2213	Intron enhancement of gene expression and the splicing efficiency of introns in maize cells. <b>1991</b> , 225, 81-93	152
2212	Upstream sequences regulating legumin gene expression in heterologous transgenic plants. <b>1991</b> , 225, 121-8	70
2211	The Gin recombinase of phage Mu can catalyse site-specific recombination in plant protoplasts. <b>1991</b> , 230, 170-6	46
2210	Homologous recombination between plasmid DNA molecules in maize protoplasts. <b>1991</b> , 230, 209-18	28
2209	Construction of expression vectors based on the rice actin 1 (Act1) 5' region for use in monocot transformation. <b>1991</b> , 231, 150-60	250



2208	Accurate in vitro transcription of plant promoters with nuclear extracts prepared from cultured plant cells. <b>1991</b> , 16, 771-86	17
2207	Transgenic rice cell lines and plants: expression of transferred chimeric genes. <b>1991</b> , 16, 807-20	55
2206	35S-beta-glucuronidase gene blocks biological effects of cotransferred iaa genes. <b>1991</b> , 16, 853-64	3
2205	Promoters of auxin-induced genes from tobacco can lead to auxin-inducible and root tip-specific expression. <b>1991</b> , 16, 983-98	94
2204	Analysis of the 5' flanking region responsible for the endosperm-specific expression of a rice glutelin chimeric gene in transgenic tobacco. <b>1991</b> , 16, 49-58	66
2203	Control of transient expression of chimaeric genes by gibberellic acid and abscisic acid in protoplasts prepared from mature barley aleurone layers. <b>1991</b> , 16, 713-24	68
2202	Genetic improvement of legumes using somatic cell and molecular techniques. <b>1991</b> , 55, 157-169	16
2201	A detailed study of the regulation and evolution of the two classes of patatin genes in <i>Solanum tuberosum</i> L. <b>1991</b> , 17, 1139-54	39
2200	Amber codon suppression: the in vivo and in vitro analysis of two C-hordein genes from barley. <b>1991</b> , 17, 1217-31	43
2199	Expression of inducible angiosperm promoters in a gymnosperm, <i>Picea glauca</i> (white spruce). <b>1991</b> , 17, 19-27	50
2198	Transgene expression variability (position effect) of CAT and GUS reporter genes driven by linked divergent T-DNA promoters. <b>1991</b> , 17, 49-60	293
2197	Strong negative and positive regulatory elements contribute to the high-level fruit-specific expression of the tomato 2A11 gene. <b>1991</b> , 17, 615-30	34
2196	Expression of a <i>Brassica napus</i> extensin gene in the vascular system of transgenic tobacco and rape plants. <b>1991</b> , 17, 701-9	20
2195	Regulation of <i>Agrobacterium tumefaciens</i> T-cyt gene expression in leaves of transgenic potato ( <i>Solanum tuberosum</i> L. cv. Dširè) is strongly influenced by plant culture conditions. <b>1991</b> , 17, 711-25	11
2194	Detection of gene regulatory signals in plants revealed by T-DNA-mediated fusions. <b>1991</b> , 17, 837-51	40
2193	Regeneration and transformation of <i>Ribes</i> . <b>1991</b> , 24, 91-95	12
2192	Transient gene expression in cassava using high-velocity microprojectiles. <b>1991</b> , 17, 493-8	19
2191	Auxin-induced expression of the soybean GH3 promoter in transgenic tobacco plants. <b>1991</b> , 17, 567-79	142

2190	Functional analysis of the 3'-terminal sequence of the maize controlling element (Ac) by internal replacement and deletion mutagenesis. <b>1991</b> , 84, 13-21	3
2189	Stable transformation of barley via PEG-induced direct DNA uptake into protoplasts. <b>1991</b> , 81, 437-44	117
2188	A novel method for in situ screening of yeast colonies with the beta-glucuronidase reporter gene. <b>1991</b> , 20, 437-9	11
2187	Transient Gene Expression in Protoplasts of Phaseolus vulgaris Isolated from a Cell Suspension Culture. <b>1991</b> , 95, 968-72	54
2186	Isolation and characterization of an expressed napin gene from Brassica rapa. <b>1991</b> , 1, 209-219	63
2185	Agrobacterium-Mediated Transformation of Plum (Prunus domestica L.) Hypocotyl Slices and Regeneration of Transgenic Plants. <b>1991</b> , 9, 853-857	82
2184	Protection against detrimental effects of potyvirus infection in transgenic tobacco plants expressing the papaya ringspot virus coat protein gene. <b>1991</b> , 9, 752-8	59
2183	Agrobacterium-Mediated Transformation of Carnation (Dianthus caryophyllus L.). <b>1991</b> , 9, 864-868	45
2182	Analysis of the potential promoter sequences of African cassava mosaic virus by transient expression of the beta-glucuronidase gene. <b>1991</b> , 72 ( Pt 11), 2849-52	33
2181	cop1: a regulatory locus involved in light-controlled development and gene expression in Arabidopsis. <b>1991</b> , 5, 1172-82	418
2180	The GUS Reporter System as a Tool to Study Plant Gene Expression. <b>1992</b> , 23-43	62
2179	Quantitation of GUS Activity by Fluorometry. <b>1992</b> , 47-59	58
2178	5'CATGCAT-3' Elements Modulate the Expression of Glycinin Genes. <b>1992</b> , 98, 387-91	78
2177	DNA methylation is involved in maintenance of an unusual expression pattern of an introduced gene. <b>1992</b> , 99, 409-14	28
2176	Hormonal and Environmental Regulation of the Carrot lea-Class Gene Dc3. <b>1992</b> , 100, 576-81	30
2175	The Viviparous-1 gene and abscisic acid activate the C1 regulatory gene for anthocyanin biosynthesis during seed maturation in maize. <b>1992</b> , 6, 609-18	209
2174	Transient expression analysis in plants using firefly luciferase reporter gene. <b>1992</b> , 216, 397-414	109
2173	Expression of Erwinia amylovora hrp genes in response to environmental stimuli. <b>1992</b> , 174, 1875-82	132

2172	Nondestructive assay for beta-glucuronidase in culture media of plant tissue cultures. <b>1992</b> , 216, 357-62	
2171	Intron splicing and intron-mediated enhanced expression in monocots. <b>1992</b> , 42, 229-57	53
2170	Phenotypic expression of the <i>Pseudomonas syringae</i> pv. <i>syringae</i> 61 hrp/hrm gene cluster in <i>Escherichia coli</i> MC4100 requires a functional porin. <b>1992</b> , 174, 1742-9	8
2169	Organization and environmental regulation of the <i>Pseudomonas syringae</i> pv. <i>syringae</i> 61 hrp cluster. <b>1992</b> , 174, 1734-41	143
2168	Virus Resistant Papaya Plants Derived from Tissues Bombarded with the Coat Protein Gene of Papaya Ringspot Virus. <b>1992</b> , 10, 1466-1472	167
2167	Comparison of Coat Protein-Mediated and Genetically-Derived Resistance in Cucumbers to Infection by Cucumber Mosaic Virus Under Field Conditions with Natural Challenge Inoculations by Vectors. <b>1992</b> , 10, 1562-1570	45
2166	Selectable marker genes: safe for plants?. <b>1992</b> , 10, 141-4	70
2165	Genetic-Improvement of Floricultural Crops Using Biotechnology. <b>1992</b> , 40, 765	22
2164	Herbicide Resistant Fertile Transgenic Wheat Plants Obtained by Microprojectile Bombardment of Regenerable Embryogenic Callus. <b>1992</b> , 10, 667-674	329
2163	Fertile, Transgenic Oat Plants. <b>1992</b> , 10, 1589-1594	110
2162	Interaction of DNA with cationic liposomes: ability of transfecting lentil protoplasts. <b>1992</b> , 186, 1417-22	28
2161	Use of the signal peptide of <i>Pisum</i> vicilin to translocate beta-glucuronidase in <i>Nicotiana tabacum</i> . <b>1992</b> , 112, 229-34	13
2160	Early events in transformation of potato by <i>Agrobacterium tumefaciens</i> . <b>1992</b> , 82, 109-118	25
2159	Effect of promoter-leader sequences on transient reporter gene expression in particle bombarded pea ( <i>Pisum sativum</i> L.) tissues. <b>1992</b> , 87, 171-177	23
2158	<i>Agrobacterium</i> -mediated genetic transformation of <i>Solanum commersonii</i> Dun. <b>1992</b> , 87, 179-189	17
2157	Expression of a chimeric neomycin phosphotransferase II gene in first and second generation transgenic rice plants. <b>1992</b> , 86, 191-202	32
2156	Detection, expression and specific elimination of endogenous $\beta$ -glucuronidase activity in transgenic and non-transgenic plants. <b>1992</b> , 87, 115-122	50
2155	The VirD2 protein of <i>A. tumefaciens</i> contains a C-terminal bipartite nuclear localization signal: implications for nuclear uptake of DNA in plant cells. <b>1992</b> , 68, 109-18	250

2154	Histochemical, Spectrophotometric, and Fluorometric GUS Substrates. <b>1992</b> , 61-76	12
2153	Effects of thionins on beta-glucuronidase in vitro and in plant protoplasts. <b>1992</b> , 296, 279-82	22
2152	The 5' untranslated region from pea seedborne mosaic potyvirus RNA as a translational enhancer in pea and tobacco protoplasts. <b>1992</b> , 303, 169-72	29
2151	Altered morphology in transgenic tobacco plants that overproduce cytokinins in specific tissues and organs. <b>1992</b> , 153, 386-95	221
2150	Microtiter Plate-Based Assay for $\beta$ -Glucuronidase: A Quantitative Approach. <b>1992</b> , 89-99	1
2149	Agrobacterium-Mediated Transformation of Plants. <b>1992</b> , 133-146	
2148	Anther-specific expression of the rolB gene of Agrobacterium rhizogenes increases IAA content in anthers and alters anther development and whole flower growth. <b>1992</b> , 84, 520-7	42
2147	Silicon carbide fiber-mediated stable transformation of plant cells. <b>1992</b> , 84, 560-6	68
2146	Transgenic indica rice plants. <b>1992</b> , 83, 855-63	67
2145	Isolation of protoplasts from developing barley endosperm: a tool for transient expression studies. <b>1992</b> , 10, 595-8	14
2144	Expression of an abscisic acid responsive promoter in Picea abies (L.) Karst. following bombardment from an electric discharge particle accelerator. <b>1992</b> , 11, 188-91	27
2143	Transformation of Dendrobium orchid using particle bombardment of protocorms. <b>1992</b> , 11, 484-8	52
2142	Agrobacterium tumefaciens-mediated transformation of safflower (Carthamus tinctorius L.) cv. 'Centennial'. <b>1992</b> , 11, 581-5	23
2141	Development of the particle inflow gun for DNA delivery to plant cells. <b>1992</b> , 11, 323-8	366
2140	Agrobacterium tumefaciens-mediated beta-glucuronidase (GUS) gene expression in lentil (Lens culinaris Medik.) tissues. <b>1992</b> , 11, 274-8	22
2139	Stably transformed herbicide resistant callus of sugarcane via microprojectile bombardment of cell suspension cultures and electroporation of protoplasts. <b>1992</b> , 11, 494-8	41
2138	Transformation and regeneration of Brassica rapa using Agrobacterium tumefaciens. <b>1992</b> , 11, 499-505	62
2137	Regulated transcription of the maize Bronze-2 promoter in electroporated protoplasts requires the C1 and R gene products. <b>1992</b> , 233, 379-87	52

2136	Transfer of defined numbers of chloroplasts into albino protoplasts by subprotoplast/protoplast microfusion: chloroplasts can be "cloned", by using suitable plastome combinations or selective pressure. <b>1992</b> , 233, 479-82	5
2135	Regulatory sequences for expressing genes in oomycete fungi. <b>1992</b> , 234, 138-46	48
2134	Effect of T-DNA configuration on transgene expression. <b>1992</b> , 235, 389-96	40
2133	A plant histone gene promoter can direct both replication-dependent and -independent gene expression in transgenic plants. <b>1992</b> , 231, 276-85	47
2132	Transcription of the <i>Azospirillum brasilense</i> nifH gene is positively regulated by NifA and NtrA and is negatively controlled by the cellular nitrogen status. <b>1992</b> , 232, 279-83	20
2131	Activation of a truncated PR-1 promoter by endogenous enhancers in transgenic plants. <b>1992</b> , 18, 65-78	29
2130	Expression of a chimaeric heat-shock-inducible <i>Agrobacterium</i> 6b oncogene in <i>Nicotiana rustica</i> . <b>1992</b> , 18, 921-30	38
2129	Nuclear factors binding to the extensin promoter exhibit differential activity in carrot protoplasts and cells. <b>1992</b> , 18, 739-48	10
2128	Variation in $\beta$ -glucuronidase activity of clones of transformed sugar beet roots. <b>1992</b> , 11, 319-325	9
2127	Suppression of gene expression in plant cells utilizing antisense sequences transcribed by RNA polymerase III. <b>1992</b> , 19, 641-7	17
2126	Site-specific oligodeoxynucleotide binding to maize Adh1 gene promoter represses Adh1-GUS gene expression in vivo. <b>1992</b> , 19, 715-23	14
2125	Functional elements of the <i>Arabidopsis</i> Adh promoter include the G-box. <b>1992</b> , 19, 859-62	44
2124	Translation controls the expression level of a chimaeric reporter gene. <b>1992</b> , 20, 921-38	20
2123	Factors influencing <i>Agrobacterium</i> -mediated transient expression of gusA in rice. <b>1992</b> , 20, 1037-48	82
2122	Seed-specific repression of GUS activity in tobacco plants by antisense RNA. <b>1992</b> , 20, 1059-69	10
2121	Multiple copies of virG enhance the transient transformation of celery, carrot and rice tissues by <i>Agrobacterium tumefaciens</i> . <b>1992</b> , 20, 1071-87	83
2120	Segregation of transgenes in maize. <b>1992</b> , 18, 201-10	100
2119	Dissection of a pollen-specific promoter from maize by transient transformation assays. <b>1992</b> , 18, 211-8	96

2118	Arrest of embryo development in Brassica napus mediated by modified Pseudomonas aeruginosa exotoxin A. <b>1992</b> , 18, 247-58	27
2117	Microprojectile bombardment of plant tissues increases transformation frequency by Agrobacterium tumefaciens. <b>1992</b> , 18, 301-13	137
2116	Factors influencing the Agrobacterium tumefaciens-mediated transformation of carrot (Daucus carota L.). <b>1992</b> , 31, 129-139	29
2115	Transient gene expression in electroporated protoplasts of Eucalyptus citriodora Hook. <b>1992</b> , 30, 69-75	19
2114	Genetic transformation of Norway spruce (Picea abies (L.) Karst) using somatic embryo explants by microprojectile bombardment. <b>1992</b> , 19, 925-35	49
2113	Non-essential repeats in the promoter region of a Brassica rapa acyl carrier protein gene expressed in developing embryos. <b>1992</b> , 18, 591-4	6
2112	Analysis of the region in between two closely linked patatin genes: class II promoter activity in tuber, root and leaf. <b>1992</b> , 20, 683-94	11
2111	Assaying synthetic ribozymes in plants: high-level expression of a functional hammerhead structure fails to inhibit target gene activity in transiently transformed protoplasts. <b>1992</b> , 20, 715-31	14
2110	RNA delivery in Saccharomyces cerevisiae using electroporation. <b>1992</b> , 8, 1007-14	29
2109	Surrogate transformation of perennial ryegrass, Lolium perenne, using genetically modified Acremonium endophyte. <b>1992</b> , 233, 1-9	73
2108	Genetic and phenotypic characterization of cop1 mutants of Arabidopsis thaliana. <b>1992</b> , 2, 83-95	137
2107	In-situ enzyme histochemistry on plastic-embedded plant material. The development of an artefact-free $\beta$ glucuronidase assay. <b>1992</b> , 2, 261-266	101
2106	Prediction of germ-line transformation events in chimeric Ro transgenic soybean plantlets using tissue-specific expression patterns. <b>1992</b> , 2, 283-290	61
2105	Artifacts in the localization of GUS activity in another of petunia transformed with a CaMV 35S-GUS construct. <b>1992</b> , 2, 405-408	76
2104	Differential usage of photoreceptors for chalcone synthase gene expression during plant development. <b>1992</b> , 2, 899-906	54
2103	Stable integration and expression of $\beta$ glucuronidase and NPT II genes in mango somatic embryos. <b>1992</b> , 28, 172-178	34
2102	An improved procedure for transforming Arabidopsis thaliana (Landsberg erecta) root explant. <i>Plant Molecular Biology Reporter</i> , <b>1992</b> , 10, 372-383	1.7 21
2101	Non-destructive assay systems for detection of $\beta$ glucuronidase activity in higher plants. <i>Plant Molecular Biology Reporter</i> , <b>1992</b> , 10, 37-46	1.7 27

2100	Electron microscopy and X-ray microanalysis as tools for fine localization of the $\beta$ -glucuronidase activity in transgenic plants harbouring the GUS reporter gene. <b>1992</b> , 170, 68-76	7
2099	Kinetics of tomato golden mosaic virus DNA replication and coat protein promoter activity in <i>Nicotiana tabacum</i> protoplasts. <b>1992</b> , 187, 1-9	40
2098	Regulation of the activities of African cassava mosaic virus promoters by the AC1, AC2, and AC3 gene products. <b>1992</b> , 188, 905-9	80
2097	Plant endogenous beta-glucuronidase activity: how to avoid interference with the use of the <i>E. coli</i> beta-glucuronidase as a reporter gene in transgenic plants. <b>1992</b> , 1, 63-70	31
2096	Comparison of different techniques for gene transfer into mature and immature tobacco pollen. <b>1992</b> , 1, 71-78	38
2095	Biological ballistics-no longer a shot in the dark. <b>1992</b> , 1, 107-113	12
2094	Effects of antisense oligodeoxynucleotide hybridization on in vitro translation of potato virus Y RNA. <b>1992</b> , 6, 33-46	6
2093	Characterization of two maize HSP90 heat shock protein genes: expression during heat shock, embryogenesis, and pollen development. <b>1993</b> , 14, 27-41	66
2092	Stress induction and developmental regulation of a rice chitinase promoter in transgenic tobacco. <b>1993</b> , 3, 203-212	45
2091	A wheat histone H3 promoter confers cell division-dependent and -independent expression of the gus A gene in transgenic rice plants. <b>1993</b> , 3, 241-52	104
2090	The pea plastocyanin promoter directs cell-specific but not full light-regulated expression in transgenic tobacco plants. <b>1993</b> , 3, 437-49	87
2089	Response of a nitrite-reductase 3.1-kilobase upstream regulatory sequence from spinach to nitrate and light in transgenic tobacco. <b>1993</b> , 189, 440-2	19
2088	Field performance of derived generations of transgenic tobacco. <b>1993</b> , 86, 875-9	25
2087	Transformation of pecan and regeneration of transgenic plants. <b>1993</b> , 12, 634-8	23
2086	Effects of tissue type and promoter strength on transient GUS expression in sugarcane following particle bombardment. <b>1993</b> , 12, 666-70	57
2085	The promoter of barley trypsin-inhibitor BTI-CMe, discriminates between wheat and barley endosperm protoplasts in transient expression assays. <b>1993</b> , 12, 698-701	9
2084	Stable transformation of the food yam <i>Dioscorea alata</i> L. by particle bombardment. <b>1993</b> , 12, 468-73	13
2083	Transformation of maize ( <i>Zea mays</i> L.) protoplasts and regeneration of haploid transgenic plants. <b>1993</b> , 13, 63-8	19

2082	Microprojectile-DNA delivery in conifer species: factors affecting assessment of transient gene expression using the <i>β</i> -glucuronidase reporter gene. <b>1993</b> , 12, 189-93	50
2081	Transgenic papaya plants from <i>Agrobacterium</i> -mediated transformation of somatic embryos. <b>1993</b> , 12, 245-9	52
2080	Culturing peanut ( <i>Arachis hypogaea</i> L.) zygotic embryos for transformation via microprojectile bombardment. <b>1993</b> , 12, 316-9	15
2079	Stable transformation of <i>Phaseolus vulgaris</i> via electric-discharge mediated particle acceleration. <b>1993</b> , 12, 165-9	92
2078	Genetic transformation of green bean callus via <i>Agrobacterium</i> mediated DNA transfer. <b>1993</b> , 12, 74-9	22
2077	Osmotic treatment enhances particle bombardment-mediated transient and stable transformation of maize. <b>1993</b> , 12, 84-8	233
2076	Promoter specificity and deletion analysis of three heat stress transcription factors of tomato. <b>1993</b> , 240, 113-25	96
2075	The VirD2 protein of <i>Agrobacterium tumefaciens</i> carries nuclear localization signals important for transfer of T-DNA to plant. <b>1993</b> , 239, 345-53	81
2074	Promoter sequences of a potato pathogenesis-related gene mediate transcriptional activation selectively upon fungal infection. <b>1993</b> , 236, 179-86	54
2073	Transient and stable gene expression in the fungal maize pathogen <i>Cochliobolus heterostrophus</i> after transformation with the beta-glucuronidase (GUS) gene. <b>1993</b> , 241, 73-80	26
2072	Floral organ-specific and constitutive expression of an <i>Arabidopsis thaliana</i> heat-shock HSP18.2::GUS fusion gene is retained even after homeotic conversion of flowers by mutation. <b>1993</b> , 237, 26-32	10
2071	Characterization of the promoter from the single-copy gene encoding ferredoxin-NADP(+)-oxidoreductase from spinach. <b>1993</b> , 237, 261-72	34
2070	Functional in vivo analyses of the 3' flanking sequences of the <i>Chlamydomonas</i> chloroplast <i>rbcl</i> and <i>psaB</i> genes. <b>1993</b> , 238, 339-49	74
2069	Modular organization and development activity of an <i>Arabidopsis thaliana</i> EF-1 alpha gene promoter. <b>1993</b> , 238, 428-36	75
2068	A functional map of the fruit-specific promoter of the tomato 2A11 gene. <b>1993</b> , 21, 625-40	43
2067	Developmental and tissue-specific expression of a tomato anionic peroxidase ( <i>tap1</i> ) gene by a minimal promoter, with wound and pathogen induction by an additional 5'-flanking region. <b>1993</b> , 22, 475-90	60
2066	<i>Agrobacterium</i> -mediated production of transgenic rice plants expressing a chimeric alpha-amylase promoter/beta-glucuronidase gene. <b>1993</b> , 22, 491-506	193
2065	Fruit developmental regulation of the kiwifruit actinidin promoter is conserved in transgenic petunia plants. <b>1993</b> , 23, 489-99	32



2064	Proximal promoter region of the wheat histone H3 gene confers S phase-specific gene expression in transformed rice cells. <b>1993</b> , 23, 553-65	24
2063	Effects of promoter, intron and enhancer elements on transient gene expression in sugar-cane and carrot protoplasts. <b>1993</b> , 23, 613-8	44
2062	Induction of a tomato anionic peroxidase gene (tap1) by wounding in transgenic tobacco and activation of tap1/GUS and tap2/GUS chimeric gene fusions in transgenic tobacco by wounding and pathogen attack. <b>1993</b> , 21, 341-54	62
2061	Plant viral leaders influence expression of a reporter gene in tobacco. <b>1993</b> , 23, 97-109	47
2060	Transient and stable expression of gusA fusions with rice genes in rice, barley and perennial ryegrass. <b>1993</b> , 23, 643-69	20
2059	Deletion analysis of a 2S seed storage protein promoter of Brassica napus in transgenic tobacco. <b>1993</b> , 23, 671-83	83
2058	Metabolic regulation of alpha-amylase gene expression in transgenic cell cultures of rice ( <i>Oryza sativa</i> L.). <b>1993</b> , 23, 737-47	55
2057	Levels and location of expression of the <i>Agrobacterium tumefaciens</i> pTiA6 ipt gene promoter in transgenic tobacco. <b>1993</b> , 21, 1011-21	11
2056	Use of bar as a selectable marker gene and for the production of herbicide-resistant rice plants from protoplasts. <b>1993</b> , 21, 871-84	89
2055	The intron of <i>Arabidopsis thaliana</i> polyubiquitin genes is conserved in location and is a quantitative determinant of chimeric gene expression. <b>1993</b> , 21, 895-906	197
2054	Investigation of the mechanism underlying the inhibitory effect of heterologous ras genes in plant cells. <b>1993</b> , 22, 751-65	4
2053	Upstream regulatory sequences from two beta-conglycinin genes. <b>1993</b> , 22, 873-85	29
2052	In planta analysis of the <i>Agrobacterium tumefaciens</i> T-cyt gene promoter: identification of an upstream region essential for promoter activity in leaf, stem and root cells of transgenic tobacco. <b>1993</b> , 22, 923-9	12
2051	Treatment of <i>Agrobacterium</i> or leaf disks with 5-azacytidine increases transgene expression in tobacco. <b>1993</b> , 21, 429-35	31
2050	Expression of a phosphoenolpyruvate carboxylase promoter from <i>Mesembryanthemum crystallinum</i> is not salt-inducible in mature transgenic tobacco. <b>1993</b> , 21, 561-6	9
2049	Transient and stable expression of gusA fusions with rice genes in rice, barley and perennial ryegrass. <b>1993</b> , 22, 1101-27	17
2048	Stable transformation of lettuce cultivar South Bay from cotyledon explants. <b>1993</b> , 34, 279-285	24
2047	A wound-induced promoter driving npt-II expression limited to dedifferentiated cells at wound sites is sufficient to allow selection of transgenic shoots. <b>1993</b> , 22, 129-42	20

2046	Transgene copy number can be positively or negatively associated with transgene expression. <b>1993</b> , 21, 17-26	326
2045	Deletion analysis and localization of SbPRP1, a soybean cell wall protein gene, in roots of transgenic tobacco and cowpea. <b>1993</b> , 21, 109-19	22
2044	A 61 bp enhancer element of the tobacco beta-1,3-glucanase B gene interacts with one or more regulated nuclear proteins. <b>1993</b> , 21, 121-31	88
2043	Optimization of polyethylene glycol mediated transient gene expression in pea protoplasts. <b>1993</b> , 35, 93-97	3
2042	Systemic induction of a potato pin2 promoter by wounding, methyl jasmonate, and abscisic acid in transgenic rice plants. <b>1993</b> , 22, 573-88	73
2041	A complex ensemble of cis-regulatory elements controls the expression of a Vicia faba non-storage seed protein gene. <b>1993</b> , 22, 669-79	42
2040	Functional expression of bacterial beta-glucuronidase and its use as a reporter system in the yeast Yarrowia lipolytica. <b>1993</b> , 9, 71-5	13
2039	Stable Transformation of Picea glauca by Particle Acceleration. <b>1993</b> , 11, 84-89	105
2038	Field Performance of Elite Transgenic Maize Plants Expressing an Insecticidal Protein Derived from Bacillus thuringiensis. <b>1993</b> , 11, 194-200	454
2037	Transposition Mediated Repositioning and Subsequent Elimination of Marker Genes from Transgenic Tomato. <b>1993</b> , 11, 1286-1292	31
2036	Rapid Production of Transgenic Wheat Plants by Direct Bombardment of Cultured Immature Embryos. <b>1993</b> , 11, 1553-1558	98
2035	Transient expression of photosynthetic genes in transfected albinoid petunia protoplasts and correct processing of newly synthesized chloroplast-destined polypeptides. <b>1993</b> , 88, 259-266	4
2034	Iron-dependent stability of the ferredoxin I transcripts from the cyanobacterial strains Synechococcus species PCC 7942 and Anabaena species PCC 7937. <b>1993</b> , 7, 429-39	33
2033	Chloroplast transformation in plants: polyethylene glycol (PEG) treatment of protoplasts is an alternative to biolistic delivery systems. <b>1993</b> , 3, 729-738	107
2032	Promoter analysis of a light-regulated gene encoding hydroxypyruvate reductase, an enzyme of the photorespiratory glycolate pathway. <b>1993</b> , 3, 867-874	9
2031	Conserved regulation of the soybean early nodulin ENOD2 gene promoter in determinate and indeterminate transgenic root nodules. <b>1993</b> , 3, 483-92	39
2030	Molecular characterization of one of the maize polygalacturonase gene family members which are expressed during late pollen development. <b>1993</b> , 3, 261-71	61
2029	A versatile system for detecting transposition in Arabidopsis. <b>1993</b> , 3, 273-89	70

2028	Regulation of nitrate and nitrite reductase expression in <i>Nicotiana plumbaginifolia</i> leaves by nitrogen and carbon metabolites. <b>1993</b> , 3, 315-24		199
2027	The barley alpha-thionin promoter is rich in negative regulatory motifs and directs tissue-specific expression of a reporter gene in tobacco. <b>1993</b> , 1172, 346-8		4
2026	A clearing technique for histochemical location of GUS activity in pollen tubes and ovules of <i>Lycopersicon</i> . <i>Plant Molecular Biology Reporter</i> , <b>1993</b> , 11, 194-201	1.7	7
2025	Efficient and sensitive assay for T-DNA-dependent transient gene expression. <i>Plant Molecular Biology Reporter</i> , <b>1993</b> , 11, 220-229	1.7	45
2024	Quantitative kinetic analysis of $\beta$ -glucuronidase activities using a computer-directed microtiter plate reader. <i>Plant Molecular Biology Reporter</i> , <b>1993</b> , 11, 21-31	1.7	41
2023	A rapid method for qualitative assay of both neomycin phosphotransferase II and $\beta$ -glucuronidase activities in transgenic plants. <i>Plant Molecular Biology Reporter</i> , <b>1993</b> , 11, 38-47	1.7	14
2022	A short histone H3 promoter from alfalfa specifies expression in s-phase cells and meristems. <b>1993</b> , 29, 27-32		12
2021	The 5' untranslated region of PVY RNA, even located in an internal position, enables initiation of translation. <b>1993</b> , 7, 367-79		43
2020	Highly efficient transfer and stable integration of foreign DNA into partially digested rice cells using a pulsed electrophoretic drive. <b>1993</b> , 2, 245-251		4
2019	<i>Agrobacterium tumefaciens</i> -mediated expression of <i>gusA</i> in maize tissues. <b>1993</b> , 2, 252-265		36
2018	An SAR sequence containing 395 bp DNA fragment mediates enhanced, gene-dosage-correlated expression of a chimaeric heat shock gene in transgenic tobacco plants. <b>1993</b> , 2, 93-100		84
2017	The endosperm-specific expression of a rice prolamin chimaeric gene in transgenic tobacco plants. <b>1993</b> , 2, 141-6		14
2016	Insect-resistant chrysanthemum calluses by introduction of a <i>Bacillus thuringiensis</i> crystal protein gene. <b>1993</b> , 2, 170-80		21
2015	Stable transformation of peanut callus via <i>Agrobacterium</i> -mediated DNA transfer. <b>1993</b> , 2, 321-324		11
2014	New <i>Agrobacterium</i> helper plasmids for gene transfer to plants. <b>1993</b> , 2, 208-218		1093
2013	Apical and lateral shoot apex-specific expression is conferred by promoter of the seed storage protein $\beta$ -phaseolin gene. <b>1993</b> , 2, 21-28		9
2012	A study of some factors affecting <i>Agrobacterium</i> transformation and plant regeneration of <i>Dendranthema grandiflora</i> Tzvelev (syn. <i>Chrysanthemum morifolium</i> Ramat.). <b>1993</b> , 33, 171-180		29
2011	<i>Agrobacterium tumefaciens</i> -mediated transformation of several <i>Rubus</i> genotypes and recovery of transformed plants. <b>1993</b> , 33, 9-17		20

2010	Development of the Particle Inflow Gun. <b>1993</b> , 33, 237-246	92
2009	Quantitative $\beta$ glucuronidase assay in transgenic plants. <b>1993</b> , 35, 151-155	12
2008	The C-terminal tripeptide of glycosomal phosphoglycerate kinase is both necessary and sufficient for import into the glycosomes of <i>Trypanosoma brucei</i> . <b>1993</b> , 316, 53-8	29
2007	Genetic transformation by <i>Agrobacterium tumefaciens</i> in the interspecific hybrid <i>Helianthus annuus</i> $\times$ <i>Helianthus tuberosus</i> . <b>1993</b> , 93, 105-115	16
2006	Selectable Marker Genes Engineered for Specific Expression in Target Cells for Plant Transformation. <b>1993</b> , 11, 218-221	11
2005	Foreign gene expression in chloroplasts of higher plants mediated by tungsten particle bombardment. <b>1993</b> , 217, 536-56	37
2004	Expression of the <i>E. coli</i> $\beta$ glucuronidase gene in the light leaf spot pathogen <i>Pyrenopeziza brassicae</i> and its use as a reporter gene to study developmental interactions in fungi. <b>1993</b> , 97, 575-581	9
2003	Transient plant gene expression: a simple and reproducible method based on flowing particle gun. <b>1993</b> , 75, 591-5	20
2002	The introduction and expression of transgenes in plants. <b>1993</b> , 55, 5-36	26
2001	Improved high-level constitutive foreign gene expression in plants using an AMV RNA4 untranslated leader sequence. <b>1993</b> , 94, 139-149	125
2000	Tissue specific inhibition of transient gene expression in cassava ( <i>Manihot esculenta</i> Crantz). <b>1993</b> , 93, 121-130	15
1999	Regeneration of transgenic peanut plants from stably transformed embryogenic callus. <b>1993</b> , 93, 185-194	95
1998	<i>Agrobacterium</i> -mediated transformation of pollen embryos in <i>Datura innoxia</i> and <i>Nicotiana tabacum</i> : production of transgenic haploid and fertile homozygous dihaploid plants. <b>1993</b> , 95, 99-115	35
1997	Recovery of transgenic chrysanthemum ( <i>Dendranthema grandiflora</i> Tzvelev) after hygromycin resistance selection. <b>1993</b> , 89, 185-197	40
1996	PEG mediated DNA uptake and transient GUS expression in carrot, rapeseed and soybean protoplasts. <b>1993</b> , 89, 199-207	27
1995	Evidence of meiosis-specific regulation of gene expression in lily microsporocytes. <b>1993</b> , 89, 31-41	3
1994	Genetic regulation of self-incompatibility. <b>1993</b> , 12, 129-167	11
1993	Expression vectors for high-level gene expression in dicotyledonous and monocotyledonous plants. <b>1993</b> , 217, 67-78	45

1992	Gene Transfer to Lentil Protoplasts by Lipofection and Electroporation. <b>1993</b> , 3, 707-716	1
1991	Characterisation of LTR sequences involved in the protoplast specific expression of the tobacco Tnt1 retrotransposon. <b>1993</b> , 21, 2087-93	70
1990	Protoplasts transiently expressing the 200K coding sequence of cowpea mosaic virus B-RNA support replication of M-RNA. <b>1993</b> , 74 ( Pt 10), 2233-41	53
1989	The putative zinc finger of a caulimovirus is essential for infectivity but does not influence gene expression. <b>1993</b> , 74 ( Pt 4), 775-80	10
1988	Protection against cucumber mosaic virus (CMV) strains O and Y and chrysanthemum mild mottle virus in transgenic tobacco plants expressing CMV-O coat protein. <b>1993</b> , 74 ( Pt 2), 319-22	33
1987	Transient expression of the beta-glucuronidase gene delivered into urediniospores of <i>Uromyces appendiculatus</i> by particle bombardment. <b>1993</b> , 15, 1-6	22
1986	Gus Expression in Sunflower Following Microprojectile Bombardment. <b>1993</b> , 7, 91-95	3
1985	Cell Culture and Regeneration of Transgenic Plants. <b>1993</b> , 147-178	6
1984	PLANT SELECTABLE GENES, REPORTER GENES AND PROMOTERS. <b>1993</b> , 149-182	1
1983	DNA sequence and mutational analysis of genes involved in the production and resistance of the antibiotic peptide trifolitoxin. <b>1993</b> , 175, 3693-702	45
1982	Multiple copies of nodD in <i>Rhizobium tropici</i> CIAT899 and BR816. <b>1993</b> , 175, 438-47	60
1981	Characterization of the promoter of avirulence gene D from <i>Pseudomonas syringae</i> pv. tomato. <b>1993</b> , 175, 5916-24	72
1980	Expression of the Arabidopsis Gene Akr Coincides with Chloroplast Development. <b>1994</b> , 106, 1261-1267	12
1979	The S-ribonuclease gene of <i>Petunia hybrida</i> is expressed in nonstylar tissue, including immature anthers. <b>1994</b> , 106, 25-36	30
1978	Induction of hairy and normal roots on <i>Picea abies</i> , <i>Pinus sylvestris</i> and <i>Pinus cortorta</i> by <i>agrobacterium</i> rhizogenes. <b>1994</b> , 9, 46-51	18
1977	Use of ELISA and GUS-transformed strains to study competition between pathogenic and non-pathogenic <i>Fusarium oxysporum</i> for root colonization. <b>1994</b> , 4, 35-47	74
1976	Genetic Transformation in <i>Carica papaya</i> L. (Papaya). <b>1994</b> , 236-256	1
1975	Role of desiccation in the termination of expression of genes for storage proteins. <b>1994</b> , 4, 149-173	9

1974	An auxin-inducible element in soybean SAUR promoters. <b>1994</b> , 106, 37-43	76
1973	Regulation of BN115, a low-temperature-responsive gene from winter Brassica napus. <b>1994</b> , 106, 917-28	48
1972	Plant Gene Identification by Random Gene Fusions. <b>1994</b> , 8, 64-67	
1971	Genetic transformation and regeneration of transgenic plants in grapevine ( <i>Vitis rupestris</i> S.). <b>1994</b> , 88, 621-8	39
1970	Spurious localizations of diX-indigo microcrystals generated by the histochemical GUS assay. <b>1994</b> , 3, 176-181	19
1969	Transcription initiation site of a NADP-specific glutamate dehydrogenase gene and potential use of its promoter region to express foreign genes in ammonium-cultured <i>Chlorella sorokiniana</i> cells. <b>1994</b> , 6, 211-223	1
1968	Expression of GUS in primary transformants and segregation patterns of GUS, TL- and TR-DNA in the T1 generation of hairy root transformants of <i>Lotus corniculatus</i> . <b>1994</b> , 3, 232-240	17
1967	Inheritance and expression of a transgene insert in an aneuploid tobacco line. <b>1994</b> , 245, 471-85	20
1966	Foreign DNA sequences are received by a wild-type strain of <i>Aspergillus niger</i> after co-culture with transgenic higher plants. <b>1994</b> , 27, 70-6	54
1965	Chromosome elimination in asymmetric somatic hybrids: effect of gamma dose and time in culture. <b>1994</b> , 88, 965-72	23
1964	Expression and inheritance pattern of two foreign genes in petunia. <b>1994</b> , 88, 433-40	22
1963	Nucleotide sequence of the tryptophan decarboxylase gene of <i>Catharanthus roseus</i> and expression of tdc-gusA gene fusions in <i>Nicotiana tabacum</i> . <b>1994</b> , 242, 217-25	42
1962	A chimeric gene encoding the methionine-rich 2S albumin of the Brazil nut ( <i>Bertholletia excelsa</i> H.B.K.) is stably expressed and inherited in transgenic grain legumes. <b>1994</b> , 242, 226-36	69
1961	Ammonium-excreting <i>Azospirillum</i> sp. become intracellularly established in maize ( <i>Zea mays</i> ) para-nodules. <b>1994</b> , 17, 1-8	42
1960	Regeneration of transgenic, microspore-derived, fertile barley. <b>1994</b> , 89, 525-33	181
1959	A combined use of microprojectile bombardment and DNA imbibition enhances transformation frequency of canola ( <i>Brassica napus</i> L.). <b>1994</b> , 88, 187-92	46
1958	Effect of plant genotype on the transformation of cultivated alfalfa ( <i>Medicago sativa</i> ) by <i>Agrobacterium tumefaciens</i> . <b>1994</b> , 13, 330-4	25
1957	Transgenic plums ( <i>Prunus domestica</i> L.) express the plum pox virus coat protein gene. <b>1994</b> , 14, 18-22	122

1956	Transient gene expression in electroporated banana ( <i>Musa</i> spp., cv. 'Bluggoe', ABB group) protoplasts isolated from regenerable embryogenetic cell suspensions. <b>1994</b> , 13, 262-6	50
1955	High efficiency <i>Agrobacterium</i> -mediated gene transfer to flax. <b>1994</b> , 13, 282-5	41
1954	<i>Agrobacterium</i> -mediated transformation of the desiccation-tolerant plant <i>Craterostigma plantagineum</i> . <b>1994</b> , 14, 102-6	18
1953	Transformation of wheat ( <i>Triticum aestivum</i> L.) through electroporation of protoplasts. <b>1994</b> , 14, 192-6	24
1952	Genotypic and developmental regulation of transient expression of a reporter gene in soybean zygotic cotyledons. <b>1994</b> , 13, 556-60	9
1951	<i>Agrobacterium</i> -mediated transformation of apple ( <i>Malus x domestica</i> Borkh.): an assessment of factors affecting gene transfer efficiency during early transformation steps. <b>1994</b> , 13, 587-93	99
1950	Modification of the 5' untranslated leader region of the maize Activator element leads to increased activity in <i>Arabidopsis</i> . <b>1994</b> , 245, 608-15	29
1949	The plasma membrane H(+)-ATPase gene family in <i>Arabidopsis</i> : genomic sequence of AHA10 which is expressed primarily in developing seeds. <b>1994</b> , 244, 572-87	75
1948	Structural characterization and promoter activity analysis of the gamma-kafirin gene from sorghum. <b>1994</b> , 245, 177-86	28
1947	Molecular analysis of transgenic plants generated by microprojectile bombardment: effect of petunia transformation booster sequence. <b>1994</b> , 243, 71-81	18
1946	The NocR repressor-activator protein regulates expression of the <i>nocB</i> and <i>nocR</i> genes of <i>Agrobacterium tumefaciens</i> . <b>1994</b> , 244, 367-73	6
1945	In planta transformation of <i>Arabidopsis thaliana</i> . <b>1994</b> , 245, 363-70	79
1944	Two distinct cis-acting elements are involved in light-dependent activation of the pea <i>elip</i> promoter. <b>1994</b> , 245, 371-9	9
1943	Structure and function of selectable and non-selectable transgenes in maize after introduction by particle bombardment. <b>1994</b> , 25, 951-61	157
1942	Production of <i>Agrobacterium</i> -mediated transgenic fertile plants by direct somatic embryogenesis from immature zygotic embryos of <i>Datura innoxia</i> . <b>1994</b> , 25, 995-1009	19
1941	Expression of the BnmNAP subfamily of napin genes coincides with the induction of Brassica microspore embryogenesis. <b>1994</b> , 26, 1711-23	59
1940	Molecular characterization of rice genes specifically expressed in the anther tapetum. <b>1994</b> , 26, 1737-46	76
1939	A novel anther-expressed <i>adh</i> -homologous gene in <i>Lycopersicon esculentum</i> . <b>1994</b> , 26, 1875-91	14

1938	Cotton ( <i>Gossypium hirsutum</i> L.) pollen-specific polygalacturonase mRNA: tissue and temporal specificity of its promoter in transgenic tobacco. <b>1994</b> , 26, 1989-93	27
1937	The expression of a chimeric <i>Phaseolus vulgaris</i> nodulin 30-GUS gene is restricted to the rhizobially infected cells in transgenic <i>Lotus corniculatus</i> nodules. <b>1994</b> , 26, 1995-2001	9
1936	Fertile transgenic barley to particle bombardment of immature embryos. <b>1994</b> , 24, 317-25	110
1935	A seed-specific <i>Brassica napus</i> oleosin promoter interacts with a G-box-specific protein and may be bi-directional. <b>1994</b> , 24, 327-40	44
1934	mRNA accumulation and promoter activity of the gene coding for a hydroxyproline-rich glycoprotein in <i>Oryza sativa</i> . <b>1994</b> , 25, 159-65	5
1933	Regulation of an <i>Arabidopsis</i> oleosin gene promoter in transgenic <i>Brassica napus</i> . <b>1994</b> , 25, 193-205	34
1932	Characterization of a tobacco gene encoding a pollen-specific polygalacturonase. <b>1994</b> , 25, 283-97	84
1931	Selection for kanamycin resistance in transformed petunia cells leads to the co-amplification of a linked gene. <b>1994</b> , 24, 505-14	10
1930	Structural and functional analysis of an Opaque-2-related gene from sorghum. <b>1994</b> , 24, 515-23	24
1929	Wound-induced and developmental activation of a poplar tree chitinase gene promoter in transgenic tobacco. <b>1994</b> , 25, 799-815	24
1928	The 5'-region of <i>Arabidopsis thaliana</i> cor15a has cis-acting elements that confer cold-, drought- and ABA-regulated gene expression. <b>1994</b> , 24, 701-13	646
1927	Regulation of isoflavonoid metabolism in alfalfa. <b>1994</b> , 38, 213-220	33
1926	Regulation of 3-hydroxy-3-methylglutaryl-coenzyme A reductase by wounding and methyl jasmonate. <b>1994</b> , 38, 351-356	11
1925	Influence of enzyme solution on protoplast culture and transient gene expression in maize ( <i>Zea mays</i> L.). <b>1994</b> , 39, 43-48	6
1924	Insect resistance of transgenic plants that express modified <i>Bacillus thuringiensis</i> cryIA(b) and cryIC genes: a resistance management strategy. <b>1994</b> , 26, 51-9	64
1923	Cloning and characterization of a cathepsin D inhibitor gene from <i>Solanum tuberosum</i> L. <b>1994</b> , 26, 73-83	11
1922	Tissue-specific expression of an oat 12S seed globulin gene in developing tobacco seeds: differential mRNA and protein accumulation. <b>1994</b> , 26, 203-10	8
1921	Isolation of a pea ( <i>Pisum sativum</i> ) seed lipoxygenase promoter by inverse polymerase chain reaction and characterization of its expression in transgenic tobacco. <b>1994</b> , 26, 235-48	13



1920	Expression of the tobacco Tnt1 retrotransposon promoter in heterologous species. <b>1994</b> , 26, 393-402		30
1919	Production of fertile transgenic maize by electroporation of suspension culture cells. <b>1994</b> , 24, 51-61		48
1918	The ocs element in the soybean GH2/4 promoter is activated by both active and inactive auxin and salicylic acid analogues. <b>1994</b> , 26, 1055-64		76
1917	Tissue-specific expression and temporal regulation of the rice glutelin Gt3 gene are conferred by at least two spatially separated cis-regulatory elements. <b>1994</b> , 25, 429-36		31
1916	Transient expression in leaf mesophyll protoplasts of Arabidopsis thaliana. <b>1994</b> , 36, 53-58		7
1915	Deletion analysis of a nitrite-reductase promoter from spinach in transgenic tobacco. <b>1994</b> , 194, 186-192		20
1914	Genetic transformation of plants by protoplast electroporation. <b>1994</b> , 2, 135-45		11
1913	Computer image analysis to quantify and analyze stable transformation identified using the histochemical GUS assay. <i>Plant Molecular Biology Reporter</i> , <b>1994</b> , 12, 146-151	1.7	5
1912	The use of activated charcoal to remove endogenous fluorescence from tobacco callus extracts. <i>Plant Molecular Biology Reporter</i> , <b>1994</b> , 12, 14-19	1.7	1
1911	Quick and efficient measurement of transient GUS expression using image analysis. <i>Plant Molecular Biology Reporter</i> , <b>1994</b> , 12, 332-340	1.7	2
1910	Plant expression cassettes for enhanced translational efficiency. <i>Plant Molecular Biology Reporter</i> , <b>1994</b> , 12, 347-357	1.7	9
1909	The callus associated protein (CAP) gene of <i>Nicotiana tabacum</i> : Isolation, characterization, and evidence for possible function as a transcriptional factor. <b>1994</b> , 30, 44-54		3
1908	Rapid Production of Fertile Transgenic Plants of Rye ( <i>Secale cereale</i> L.). <b>1994</b> , 12, 1366-1371		36
1907	Nodulating ability of <i>Rhizobium tropici</i> is conditioned by a plasmid-encoded citrate synthase. <b>1994</b> , 11, 315-21		47
1906	Native $\beta$ -glucuronidase activity in sugarbeet ( <i>Beta vulgaris</i> ). <b>1994</b> , 90, 763-771		26
1905	Approaches to influence starch quantity and starch quality in transgenic plants. <b>1994</b> , 17, 601-613		46
1904	Differential expression of genes of <i>Pseudomonas syringae</i> on leaves and in culture evaluated with random genomic lux fusions. <b>1994</b> , 3, 249-257		17
1903	Pathogen-defence gene prp1-1 from potato encodes an auxin-responsive glutathione S-transferase. <b>1994</b> , 226, 619-26		90

1902	The <i>A. thaliana</i> disease resistance gene RPS2 encodes a protein containing a nucleotide-binding site and leucine-rich repeats. <b>1994</b> , 78, 1089-99	615
1901	Light activation of expression associated with the tomato <i>rbcS</i> promoter in transformed tobacco cell line BY-2. <b>1994</b> , 36, 55-62	18
1900	Differential activation of the bean chalcone synthase gene in transgenic tobacco by compatible and incompatible strains of <i>Pseudomonas solanacearum</i> . <b>1994</b> , 103, 41-49	3
1899	Bean class IV chitinase gene: structure, developmental expression and induction by heat stress. <b>1994</b> , 98, 163-173	23
1898	Agrobacterium-mediated genetic transformation of grapevine somatic embryos and regeneration of transgenic plants expressing the coat protein of grapevine chrome mosaic nepovirus (GCMV). <b>1994</b> , 102, 161-170	61
1897	Unit 1 of the mustard chalcone synthase promoter is sufficient to mediate light responses from different photoreceptors. <b>1994</b> , 97, 189-198	23
1896	Factors influencing transient gene expression in electroporated tall fescue protoplasts. <b>1994</b> , 100, 171-178	10
1895	Differential activity of the mannopine synthase and the CaMV 35S promoters during development of transgenic rapeseed plants. <b>1994</b> , 95, 175-186	23
1894	Somatic embryogenesis and Agrobacterium-mediated transformation of chrysanthemum. <b>1994</b> , 97, 95-101	48
1893	Bacterial induced activation of an Arabidopsis phenylalanine ammonia-lyase promoter in transgenic tobacco plants. <b>1994</b> , 98, 25-35	11
1892	High frequency shoot regeneration and Agrobacterium-mediated transformation of chrysanthemum ( <i>Dendranthema grandiflora</i> ). <b>1994</b> , 98, 69-79	55
1891	Expression of GUS and CAT activities using electrotransformed pollen. <b>1994</b> , 104, 49-58	10
1890	Optimization of conditions for DNA uptake and transient GUS expression in protoplasts for different tissues of wheat and barley. <b>1994</b> , 96, 179-187	13
1889	Routine transformation of rapid cycling cabbage ( <i>Brassica oleracea</i> ) [molecular evidence for regeneration of chimeras. <b>1994</b> , 96, 223-235	32
1888	Nucleotide sequence corrections of the <i>uidA</i> open reading frame encoding beta-glucuronidase. <b>1994</b> , 138, 259-60	24
1887	Characterization of the <i>Rhizobium leguminosarum</i> biovar <i>phaseoli</i> <i>nifA</i> gene, a positive regulator of <i>nif</i> gene expression. <b>1994</b> , 161, 404-8	36
1886	Root-knot nematode-directed expression of a plant root-specific gene. <b>1994</b> , 263, 221-3	164
1885	Food safety assessment of marker genes in transgenic crops. <b>1994</b> , 5, 294-298	4

1884	Agrobacterium-mediated transformation of <i>Stylosanthes guianensis</i> and production of transgenic plants. <b>1994</b> , 96, 119-127	19
1883	Biological Factors Affecting Transient Transformation in Embryogenic Suspension Cultures of <i>Picea abies</i> . <b>1994</b> , 144, 472-478	12
1882	The adenine phosphoribosyltransferase-encoding gene of <i>Arabidopsis thaliana</i> . <b>1994</b> , 143, 211-6	73
1881	Expression Variability of Marker Genes during Plant Regeneration from Protoplasts of R1 Transgenic Mustard ( <i>Brassica juncea</i> ) Via Somatic Embryogenesis. <b>1994</b> , 143, 363-371	8
1880	Tetrad analysis possible in <i>Arabidopsis</i> with mutation of the QUARTET (QRT) genes. <b>1994</b> , 264, 1458-60	285
1879	The Use of the Emu Promoter With Antibiotic and Herbicide Resistance Genes for the Selection of Transgenic Wheat Callus and Rice Plants. <b>1994</b> , 21, 95	31
1878	<i>Arabidopsis</i> mutants define downstream branches in the phototransduction pathway. <b>1994</b> , 8, 339-49	68
1877	Rice Triosephosphate Isomerase Gene 5[prime] Sequence Directs [beta]-Glucuronidase Activity in Transgenic Tobacco but Requires an Intron for Expression in Rice. <b>1994</b> , 106, 459-467	33
1876	<i>Azorhizobium caulinodans</i> respire with at least four terminal oxidases. <b>1994</b> , 176, 886-95	36
1875	Transformation of Ornamental Tobacco and Kale Mediated by <i>Agrobacterium tumefaciens</i> and <i>A. rhizogenes</i> Harboring a Reporter, $\beta$ -Glucuronidase (GUS) Gene. <b>1994</b> , 63, 167-172	7
1874	Cloning of a novel constitutively expressed pectate lyase gene <i>pelB</i> from <i>Fusarium solani</i> f. sp. <i>pisi</i> ( <i>Nectria haematococca</i> , mating type VI) and characterization of the gene product expressed in <i>Pichia pastoris</i> . <b>1995</b> , 177, 7070-7	58
1873	Genetic tagging of cells and cell layers for studies of plant development. <b>1995</b> , 49, 331-54	8
1872	<i>hrpL</i> activates <i>Erwinia amylovora</i> <i>hrp</i> gene transcription and is a member of the ECF subfamily of sigma factors. <b>1995</b> , 177, 6201-10	124
1871	Transient Expression Activity of <i>RbcS</i> Promoter Regions from <i>Brassica napus</i> in Mesophyll Protoplasts from <i>Nicotiana tabacum</i> *. <b>1995</b> , 108, 327-333	5
1870	Electroporation of plant protoplasts and tissues. <b>1995</b> , 50, 363-73	9
1869	In situ enzyme histochemistry on plastic-embedded plant material. <b>1995</b> , 49, 153-63	4
1868	Genetic transformation of the ectomycorrhizal fungus <i>Paxillus involutus</i> by particle bombardment. <b>1995</b> , 99, 557-561	50
1867	Towards genetic based insect resistance in strawberry using the Cowpea trypsin inhibitor gene. <b>1995</b> , 127, 163-173	58

1866	The use of reporter genes in the study of microbial ecology. <b>1995</b> , 4, 555-566	47
1865	Arabidopsis heat shock factor is constitutively active in Drosophila and human cells. <b>1995</b> , 248, 136-41	37
1864	The promoter from the rice nuclear gene encoding chloroplast aldolase confers mesophyll-specific and light-regulated expression in transgenic tobacco. <b>1995</b> , 248, 668-74	13
1863	The tef1 box, a ubiquitous cis-acting element involved in the activation of plant genes that are highly expressed in cycling cells. <b>1995</b> , 248, 703-11	29
1862	The promoter of the gene ltr1 from barley confers a different tissue specificity in transgenic tobacco. <b>1995</b> , 248, 592-8	17
1861	Analysis of conditions for Agrobacterium-mediated transformation of tobacco cells in suspension. <b>1995</b> , 4, 199-207	23
1860	Physical, chemical and physiological parameters for electroporation-mediated gene delivery into rice protoplasts. <b>1995</b> , 4, 361-368	9
1859	Evaluation in tobacco of the organ specificity and strength of the rolD promoter, domain A of the 35S promoter and the 35S2 promoter. <b>1995</b> , 4, 388-96	151
1858	Quantitative analysis of the transgene variability among primary tobacco transformants. <b>1995</b> , 4, 30-38	8
1857	Development of gusA reporter gene constructs for cereal transformation: Availability of plant transformation vectors from the CAMBIA Molecular Genetic Resource Service. <b>1995</b> , 1, 27-37	35
1856	A homolog of the Rhizobium meliloti nitrogen fixation gene fixN is involved in the production of a microaerobically induced oxidase activity in the phytopathogenic bacterium Agrobacterium tumefaciens. <b>1995</b> , 247, 206-15	22
1855	Targeted disruption of the TGA3 locus in Arabidopsis thaliana. <b>1995</b> , 7, 359-65	137
1854	Regulation of expression of the cucumber isocitrate lyase gene in cotyledons upon seed germination and by sucrose. <b>1995</b> , 29, 885-96	24
1853	Transcription of tobacco phytochrome-A genes initiates at multiple start sites and requires multiple cis-acting regulatory elements. <b>1995</b> , 29, 983-93	16
1852	A type I element composed of the hexamer (ACGTCA) and octamer (CGCGGATC) motifs plays a role(s) in meristematic expression of a wheat histone H3 gene in transgenic rice plants. <b>1995</b> , 27, 17-26	24
1851	Inheritance of gusA and neo genes in transgenic rice. <b>1995</b> , 27, 91-104	56
1850	Analysis of the lupin Nodulin-45 promoter: conserved regulatory sequences are important for promoter activity. <b>1995</b> , 27, 457-66	10
1849	Characterization of a rice gene family encoding root-specific proteins. <b>1995</b> , 27, 237-48	72

1848	Developmental, circadian and light regulation of wheat ferredoxin gene expression. <b>1995</b> , 27, 293-306	18
1847	Structure of a functional geranylgeranyl pyrophosphate synthase gene from <i>Capsicum annum</i> . <b>1995</b> , 27, 425-8	24
1846	Promoter elements of the mustard CHS1 gene are sufficient for light regulation in transgenic plants. <b>1995</b> , 28, 219-29	48
1845	Somatic intrachromosomal homologous recombination events in populations of plant siblings. <b>1995</b> , 28, 281-92	68
1844	Expression of the rice <i>Osgrp1</i> promoter-Gus reporter gene is specifically associated with cell elongation/expansion and differentiation. <b>1995</b> , 28, 455-71	20
1843	Promoter analysis of the auxin-regulated tobacco glutathione S-transferase genes <i>Nt103-1</i> and <i>Nt103-35</i> . <b>1995</b> , 29, 413-29	40
1842	Functional analysis of a recently originating, atypical presequence: mitochondrial import and processing of GUS fusion proteins in transgenic tobacco and yeast. <b>1995</b> , 29, 519-33	9
1841	Tissue-specific and light-responsive regulation of the promoter region of the <i>Arabidopsis thaliana</i> chloroplast omega-3 fatty acid desaturase gene ( <i>FAD7</i> ). <b>1995</b> , 29, 599-609	52
1840	The sequence surrounding the translation initiation codon of the pea plastocyanin gene increases translational efficiency of a reporter gene. <b>1995</b> , 29, 621-6	10
1839	Promoters from <i>kin1</i> and <i>cor6.6</i> , two homologous <i>Arabidopsis thaliana</i> genes: transcriptional regulation and gene expression induced by low temperature, ABA, osmoticum and dehydration. <b>1995</b> , 28, 605-17	113
1838	Promoters from <i>kin1</i> and <i>cor6.6</i> , two <i>Arabidopsis thaliana</i> low-temperature- and ABA-inducible genes, direct strong beta-glucuronidase expression in guard cells, pollen and young developing seeds. <b>1995</b> , 28, 619-34	43
1837	Transgenic barley by particle bombardment. Inheritance of the transferred gene and characteristics of transgenic barley plants. <b>1995</b> , 85, 81-88	14
1836	Transient gene expression in transformed banana ( <i>Musa</i> cv. Bluggoe) protoplasts and embryogenic cell suspensions. <b>1995</b> , 85, 89-95	14
1835	Transformation of lily by <i>Agrobacterium</i> . <b>1995</b> , 85, 97-100	23
1834	An assessment of morphogenic and transformation efficiency in a range of varieties of potato ( <i>Solanum tuberosum</i> L.). <b>1995</b> , 85, 101-108	35
1833	The sulphur-rich Brazil nut 2S albumin is specifically formed in transgenic seeds of the grain legume <i>Vicia narbonensis</i> . <b>1995</b> , 85, 181-192	21
1832	Gene specificity is maintained in transient expression assays with protoplasts derived from different tissues of barley. <b>1995</b> , 85, 203-207	4
1831	Different 5' leader sequences modulate beta-glucuronidase accumulation levels in transgenic <i>Nicotiana tabacum</i> plants. <b>1995</b> , 85, 209-216	29

1830	A study of different (CaMV 35S and mas) promoter activities and risk assessment of field use in transgenic rapeseed plants. <b>1995</b> , 85, 411-416	16
1829	Gene dispersal from genetically modified oil seed rape in the field. <b>1995</b> , 81, 283-289	18
1828	Cis elements and potential trans-acting factors for the developmental regulation of the Phaseolus vulgaris CHS15 promoter. <b>1995</b> , 28, 967-81	6
1827	Developmental expression of a turgor-responsive gene that encodes an intrinsic membrane protein. <b>1995</b> , 28, 983-96	24
1826	The maize transposable element Ac is mobile in the legume Lotus japonicus. <b>1995</b> , 27, 981-93	57
1825	The involvement of Opaque 2 on beta-prolamin gene regulation in maize and Coix suggests a more general role for this transcriptional activator. <b>1995</b> , 27, 1015-29	63
1824	The promoter of the Vicia faba L. VfENOD-GRP3 gene encoding a glycine-rich early nodulin mediates a predominant gene expression in the interzone II-III region of transgenic Vicia hirsuta root nodules. <b>1995</b> , 29, 759-72	23
1823	Features of the hmg 1 subfamily of genes encoding HMG-CoA reductase in potato. <b>1995</b> , 28, 1-15	19
1822	Developmental regulation and tissue-specific differences of heat shock gene expression in transgenic tobacco and Arabidopsis plants. <b>1995</b> , 28, 73-82	53
1821	Structural and functional characterization of two wheat histone H2B promoters. <b>1995</b> , 28, 155-72	21
1820	Organization, inheritance and expression of acetohydroxyacid synthase genes in the cotton allotetraploid Gossypium hirsutum. <b>1995</b> , 28, 837-46	51
1819	The Arabidopsis thaliana 4-coumarate:CoA ligase (4CL) gene: stress and developmentally regulated expression and nucleotide sequence of its cDNA. <b>1995</b> , 28, 871-84	111
1818	Transformation of potato using mannopine and cucumopine strains of Agrobacterium rhizogenes. <b>1995</b> , 40, 225-230	6
1817	Stable transformation of barley callus using biolistic $\square$ particle bombardment and the phosphinothricin acetyltransferase (bar) gene. <b>1995</b> , 40, 243-248	12
1816	Somatic embryogenesis for agricultural improvement. <b>1995</b> , 11, 416-25	53
1815	Deletion analysis of a tobacco pollen-specific polygalacturonase promoter. <b>1995</b> , 8, 242	11
1814	Agrobacterium-mediated transformation of almond leaf pieces. <b>1995</b> , 14, 267-72	27
1813	Agrobacterium-mediated transformation of peanut (Arachis hypogaea L.) embryo axes and the development of transgenic plants. <b>1995</b> , 14, 699-703	39

1812	Use of paromomycin as a selective agent for oat transformation. <b>1995</b> , 14, 635-40	63
1811	Inefficient expression of the DNA-binding domain of GAL4 in transgenic plants. <b>1995</b> , 14, 773-6	3
1810	A simple method for isolation, liquid culture, transformation and regeneration of <i>Arabidopsis thaliana</i> protoplasts. <b>1995</b> , 14, 221-6	24
1809	Green fluorescent protein: an in vivo reporter of plant gene expression. <b>1995</b> , 14, 403-6	69
1808	Novel GUS expression patterns following transposition of an enhancer trap Ds element in <i>Arabidopsis</i> . <b>1995</b> , 249, 357-65	38
1807	The expression of a small heat shock gene is activated during induction of tobacco pollen embryogenesis by starvation*. <b>1995</b> , 18, 139-147	92
1806	Enhancement of seed germination in high salinity by engineering mannitol expression in <i>Arabidopsis thaliana</i> . <b>1995</b> , 18, 801-806	184
1805	Methyl jasmonate induces pigmentation and flavonoid gene expression in petunia corollas: A possible role in wound response. <b>1995</b> , 94, 45-50	71
1804	Plant seed oil-bodies as carriers for foreign proteins. <b>1995</b> , 13, 72-7	95
1803	Genetic transformation of banana and plantain ( <i>Musa</i> spp.) via particle bombardment. <b>1995</b> , 13, 481-5	102
1802	Generation of Transgenic Banana ( <i>Musa acuminata</i> ) Plants via <i>Agrobacterium</i> -Mediated Transformation. <b>1995</b> , 13, 486-492	117
1801	Transgenic canola and soybean seeds with increased lysine. <b>1995</b> , 13, 577-82	227
1800	Germline Transformation of Maize Following Manipulation of Chimeric Shoot Meristems. <b>1995</b> , 13, 677-682	39
1799	Phenotypic differences in transgenic plants of chrysanthemum. <b>1995</b> , 114, 169-173	16
1798	Sequence analysis and hormonal regulation of a dehydrin promoter from barley, <i>Hordeum vulgare</i> . <b>1995</b> , 94, 470-478	31
1797	HMG-CoA reductase and terpenoid phytoalexins: Molecular specialization within a complex pathway. <b>1995</b> , 93, 393-400	48
1796	Improvement of transgenic alfalfa by backcrossing. <b>1995</b> , 31, 187-192	20
1795	Genetic transformation of strawberry: Stable integration of a gene to control biosynthesis of ethylene. <b>1995</b> , 31, 36-43	30

1794	GUS activity staining in gels: A powerful tool for studying protein interactions in plants. <i>Plant Molecular Biology Reporter</i> , <b>1995</b> , 13, 346-354	1.7	6
1793	Identification of <i>Arabidopsis thaliana</i> sequences responsive to low temperature and abscisic acid by T-DNA tagging and in-vivo gene fusion. <i>Plant Molecular Biology Reporter</i> , <b>1995</b> , 13, 243-254	1.7	17
1792	Transient expression of $\beta$ -glucuronidase in plastids of various plant cells and tissues delivered by a pneumatic particle gun. <b>1995</b> , 108, 235-240		9
1791	Trans-activation of the wheat histone H3 promoter by Gal4 DNA-binding domain (1-94) in plant cells. <b>1995</b> , 1263, 281-4		7
1790	A particle accelerating device for delivering DNA material into plant cells. <b>1995</b> , 13, 67-74		2
1789	Electroporation-mediated gene transfer into intact nodal meristems in planta. Generating transgenic plants without in vitro tissue culture. <b>1995</b> , 3, 17-23		40
1788	Suppression of marker genes in sequentially transformed potato ( <i>Solanum tuberosum</i> L.). <b>1995</b> , 72, 599-604		2
1787	Expression patterns of an <i>Arabidopsis</i> phenylalanine ammonia-lyase promoter in transgenic tobacco. <b>1995</b> , 74, 111-126		3
1786	Interactive regulation of <i>Azorhizobium nifA</i> transcription via overlapping promoters. <b>1995</b> , 177, 7210-21		24
1785	Cloning, sequencing, and phenotypic analysis of <i>laf1</i> , encoding the flagellin of the lateral flagella of <i>Azospirillum brasilense</i> Sp7. <b>1995</b> , 177, 5419-26		65
1784	Gene Transfer to Plants. <b>1995</b> ,		22
1783	Transformation studies of <i>Actinidia chinensis</i> Planch.. <b>1995</b> , 23, 407-413		9
1782	Plant Cell Electroporation and Electrofusion Protocols. <b>1995</b> ,		6
1781	Expression of an ABA-induced gene of tomato in transgenic tobacco during periods of water deficit. <b>1995</b> , 46, 1077-1084		26
1780	Enhancement of short- and medium-term expression of transgenes in embryogenic suspensions of <i>Picea abies</i> (L.) Karst. <b>1995</b> , 46, 655-662		20
1779	Integrated control of seed maturation and germination programs by activator and repressor functions of <i>Viviparous-1</i> of maize. <b>1995</b> , 9, 2459-69		162
1778	Molecular Biology of Somatic Embryogenesis. <b>1995</b> , 267-308		58
1777	Patterns of gene action in plant development revealed by enhancer trap and gene trap transposable elements. <b>1995</b> , 9, 1797-810		569



1776	The beta-glucuronidase (gus) reporter gene system. Gene fusions; spectrophotometric, fluorometric, and histochemical detection. <b>1995</b> , 49, 125-41	40
1775	Chapter 31 Reporter Genes. <b>1995</b> , 50, 425-438	8
1774	Regulation of African cassava mosaic virus complementary-sense gene expression by N-terminal sequences of the replication-associated protein AC1. <b>1995</b> , 76 ( Pt 10), 2415-22	61
1773	Standard Molecular Techniques for the Analysis of Transgenic Plants. <b>1995</b> , 215-263	27
1772	Transient gene expression analysis in electroporated maize protoplasts. <b>1995</b> , 55, 133-45	
1771	Electroporation of Brassica. <b>1995</b> , 55, 109-20	
1770	Electrofusion of plant protoplasts. Selection and screening for somatic hybrids of Nicotiana. <b>1995</b> , 55, 165-79	0
1769	A Study of Gene Dispersal Via Pollen in Nicotiana tabacum Using Introduced Genetic Markers. <b>1995</b> , 32, 875	9
1768	Transient Expression Analysis in Plants Using Firefly Luciferase Reporter Gene. <b>1995</b> , 139-156	1
1767	Application of fluorescence spectroscopy for determining the structure and function of proteins. <b>1995</b> , 7, 1-63	12
1766	The Rhizobium meliloti groELc locus is required for regulation of early nod genes by the transcription activator NodD. <b>1995</b> , 9, 714-29	79
1765	Transformation of Potato (Solanum Tuberosum L.) using Tuber Discs and Stem Explants. <b>1995</b> , 9, 29-32	4
1764	Inheritance of Kanamycin and Ethionine Resistance Introduced in Alfalfa (Medicago Sativa L.) by Gene Transfer and Cell Selection. <b>1995</b> , 9, 45-51	0
1763	HAIRY ROOT TRANSFORMATION SYSTEM IN LARGE-SEEDED GRAIN LEGUMES. <b>1995</b> , 43, 1-5	9
1762	Mitochondrial functions mediate cellulase gene expression in Trichoderma reesei. <b>1995</b> , 34, 10456-62	22
1761	Targeting of proteins to the nucleus. <b>1995</b> , 50, 283-94	2
1760	Molecular methods for isolation of signal transduction pathway mutants. <b>1995</b> , 49, 441-54	3
1759	Genetic transformation of Verticordia grandis (Myrtaceae) using wild-type Agrobacterium rhizogenes and binary Agrobacterium vectors. <b>1995</b> , 111, 51-62	19

1758	Production and characterization of somatic hybrids between <i>Arabidopsis thaliana</i> and <i>Brassica nigra</i> . <b>1995</b> , 111, 95-106	19
1757	Use of the biolistic process for the analysis of nitrate-inducible promoters in transient expression assays. <b>1995</b> , 111, 209-218	7
1756	The <i>nodD</i> locus from <i>Azorhizobium caulinodans</i> is flanked by two repetitive elements. <b>1995</b> , 164, 107-11	12
1755	Inhibition of lipoxygenase in lentil protoplasts by expression of antisense RNA. <b>1995</b> , 1259, 1-3	7
1754	Studies on the promoter of the <i>Arabidopsis thaliana cdc2a</i> gene. <b>1995</b> , 362, 215-9	26
1753	Selective disulphide linkage of plant thionins with other proteins. <b>1995</b> , 369, 239-42	19
1752	An improved protocol for eliminating endogenous $\beta$ glucuronidase background in barley. <b>1995</b> , 105, 63-69	34
1751	Functional analysis of the temperature-dependent expression of the barley <i>Hvhsp17</i> gene promoter in monocot and dicot cell systems. <b>1995</b> , 106, 63-69	10
1750	Transient gene expression in cassava somatic embryos by tissue electroporation. <b>1995</b> , 107, 105-115	18
1749	Transformation of sweet potato ( <i>Ipomoea batatas</i> (L.) Lam.) with <i>Agrobacterium tumefaciens</i> and regeneration of plants expressing cowpea trypsin inhibitor and snowdrop lectin. <b>1995</b> , 107, 215-227	66
1748	Differential long-term expression and methylation of the hygromycin phosphotransferase ( <i>hph</i> ) and $\beta$ glucuronidase ( <i>GUS</i> ) genes in transgenic pearl millet ( <i>Pennisetum glaucum</i> ) callus. <b>1995</b> , 108, 51-62	53
1747	Effects of the first intron of rice <i>Waxy</i> gene on the expression of foreign genes in rice and tobacco protoplasts. <b>1995</b> , 108, 181-190	27
1746	Expression of the mannopine synthase promoter in roots is dependent on the <i>mas</i> elements and correlates with high transcript levels of <i>mas</i> -binding factor. <b>1995</b> , 109, 57-65	19
1745	The physiological state of suspension cultured cells affects the expression of the $\beta$ glucuronidase gene following transformation of tall fescue ( <i>Festuca arundinacea</i> ) protoplasts. <b>1995</b> , 110, 235-247	8
1744	Genetic Transformation in <i>Spinacia oleracea</i> L. (Spinach). <b>1995</b> , 279-288	2
1743	Genetic Transformation in <i>Arachis hypogaea</i> L. (Peanut). <b>1995</b> , 135-144	
1742	Histochemical <i>GUS</i> analysis. <b>1995</b> , 44, 185-93	36
1741	Flow cytometric analysis of transgene expression in higher plants: green-fluorescent protein. <b>1995</b> , 50, 3-14	33

1740 REPORTER GENES. **1995**, 235-237

1739 Transformation of *Solanum brevidens* using *Agrobacterium tumefaciens*. **1995**, 15, 196-9 18

1738 Herbicide resistant transgenic papaya plants produced by an efficient particle bombardment transformation method. **1995**, 15, 1-7 50

1737 Genetic transformation of *Pelargonium X hortorum*. **1995**, 15, 63-7 23

1736 *Agrobacterium* mediated genetic transformation and plant regeneration via organogenesis and somatic embryogenesis from cotyledon leaves in eggplant (*Solanum melongena* L. cv. 'Kecskemti lila'). **1995**, 15, 82-6 38

1735 Electroporation-mediated DNA delivery to seedling tissues of *Phaseolus vulgaris* L. (common bean). **1995**, 15, 119-24 39

1734 Transient expression of a lysine-rich vicilin gene of *Vicia faba* in barley endosperm detected by immunological tissue printing after particle bombardment. **1995**, 15, 125-8 4

1733 An analysis of the relative activities of a number of promoter constructs from genes which are expressed during late pollen development as determined by particle bombardment. **1995**, 15, 154-8 10

1732 Current Issues in Plant Molecular and Cellular Biology. **1995**, 4

1731 An assessment of morphogenic and transformation efficiency in a range of varieties of potato (*Solanum tuberosum* L.). **1995**, 101-108

1730 Improved electroporation buffer enhances transient gene expression in *Arachis hypogaea* protoplasts. **1995**, 38, 858-63 10

1729 Transformation of cereals by microprojectile bombardment of immature inflorescence and scutellum tissues. **1995**, 49, 113-23 18

1728 Ultrasound Mediated Delivery of Compounds into *Petunia* Protoplasts and Cells. **1995**, 4, 37-39 8

1727 The effect of Ca-formaldehyde fixation on the activity of the reporter enzyme beta-glucuronidase (GUS) in transgenic tobacco. **1995**, 97, 137-40

1726 Proximal Promoter Sequences of Sunflower Helianthinin Genes Confer Regionalized Seed-Specific Expression. **1995**, 145, 600-605 14

1725 Stable Expression of the Sulphur-rich 2S Albumin Gene in Transgenic *Vicia narbonensis* Increases the Methionine Content of Seeds. **1995**, 145, 674-681 58

1724 Transient Gene Expression in Electroporated Immature Embryos of Rice (*Oryza sativa* L.). **1995**, 147, 71-74 7

1723 Factors affecting gene delivery by particle bombardment of *Dendrobium* orchids. **1995**, 31, 131-136 15

1722	Transient gene expression in sunflower ( <i>Helianthus annuus</i> L.) following microprojectile bombardment. <b>1995</b> , 105, 95-109	29
1721	Regeneration and <i>Agrobacterium</i> -mediated transformation of <i>Forsythia xintermedia</i> "Spring Glory". <b>1996</b> , 16, 114-7	13
1720	Direct regeneration in vitro and transient GUS expression in <i>Mentha xpiperita</i> . <b>1996</b> , 16, 67-70	14
1719	The use of amoxicillin and ticarcillin in combination with a $\beta$ -lactamase inhibitor as decontaminating agents in the <i>Agrobacterium tumefaciens</i> -mediated transformation of <i>Artemisia annua</i> L.. <b>1996</b> , 52, 89-95	15
1718	WHAT CHIMERAS CAN TELL US ABOUT PLANT DEVELOPMENT. <b>1996</b> , 47, 351-376	123
1717	Modification de l'expression du mtabolisme phholique chez le Peuplier en relation avec la ristance aux agents pathogñes. <b>1996</b> , 143, 539-546	7
1716	Probing the limits of expression levels by varying promoter strength and plasmid copy number in <i>Saccharomyces cerevisiae</i> . <b>1996</b> , 175, 253-60	48
1715	EGlucuronidase activity in transgenic and non-transgenic tobacco cells: specific elimination of plant inhibitors and minimization of endogenous GUS background. <b>1996</b> , 113, 209-219	11
1714	Transformation of cauliflower ( <i>Brassica oleracea</i> var. botrytis) by transfer of cauliflower mosaic virus genes through combined cocultivation with virulent and avirulent strains of <i>Agrobacterium</i> . <b>1996</b> , 113, 79-89	25
1713	Transformation of citrus embryogenic cells using particle bombardment and production of transgenic embryos. <b>1996</b> , 113, 175-183	60
1712	A comparison of the activity of three cauliflower mosaic virus 35S promoters in rice seedlings and tobacco (BY-2) protoplasts by analysis of GUS reporter gene transient expression. <b>1996</b> , 114, 141-148	4
1711	The effect of exogenously-applied phytohormones on gene transfer efficiency in sugarbeet ( <i>Beta vulgaris</i> L.). <b>1996</b> , 116, 97-106	42
1710	Identification of positive and negative regulatory cis-elements of the rice glutelin Gt3 promoter. <b>1996</b> , 116, 27-35	17
1709	Analysis of the functional activity of the 1.4-kb 5?-region of the rice actin 1 gene in stable transgenic plants of maize ( <i>Zea mays</i> L.). <b>1996</b> , 116, 73-84	23
1708	<i>Agrobacterium tumefaciens</i> gene transfer to <i>Casuarina glauca</i> , a tropical nitrogen-fixing tree. <b>1996</b> , 118, 57-69	32
1707	The <i>tuf</i> gene family of soybean: structure and differential transcription. <b>1996</b> , 117, 83-93	11
1706	Immunohistological localization of a basic class IV chitinase in <i>Beta vulgaris</i> leaves after infection with <i>Cercospora beticola</i> . <b>1996</b> , 119, 191-202	15
1705	A novel myb-related gene from <i>Arabidopsis thaliana</i> . <b>1996</b> , 379, 117-21	21

1704	Promoter and expression studies on an <i>Arabidopsis thaliana</i> dehydrin gene. <b>1996</b> , 381, 252-6	43
1703	A 45-bp proximal region containing AACA and GCN4 motif is sufficient to confer endosperm-specific expression of the rice storage protein glutelin gene, GluA-3. <b>1996</b> , 383, 213-8	44
1702	Differential expression patterns of the wound-inducible transgene <i>wun1-uidA</i> in potato roots following infection with either cyst or root knot nematodes. <b>1996</b> , 48, 161-170	31
1701	Expression of an environmentally friendly synthetic protein-based polymer gene in transgenic tobacco plants. <b>1996</b> , 16, 174-9	34
1700	SLR1 function is dispensable for both self-incompatible rejection and self-compatible pollination processes in <i>Brassica</i> . <b>1996</b> , 9, 203-208	30
1699	Effect of microprojectile bombardment parameters and osmotic treatment on particle penetration and tissue damage in transiently transformed cultured immature maize ( <i>Zea mays</i> L.) embryos. <b>1996</b> , 121, 85-93	22
1698	Genetic transformation of regal pelargonium ( <i>Pelargonium X domesticum</i> Dubonnet) by <i>Agrobacterium tumefaciens</i> . <b>1996</b> , 121, 47-61	20
1697	Assessment of common regulatory regions required for the endosperm-specific expression of rice storage protein glutelin genes by hybrid promoters. <b>1996</b> , 121, 63-73	8
1696	Expression of a chimeric proteinase inhibitor II-GUS gene in transgenic <i>Solanum brevidens</i> plants. <b>1996</b> , 149, 533-538	4
1695	Susceptibility of Nodulation Mutants of Soybean ( <i>Glycine max</i> ) to <i>Agrobacterium tumefaciens</i> . <b>1996</b> , 148, 684-692	3
1694	A fluorogenic substrate for beta-glucuronidase: applications in fluorometric, polyacrylamide gel and histochemical assays. <b>1996</b> , 33, 197-205	24
1693	Ca <sup>2+</sup> -dependent protein kinases and stress signal transduction in plants. <b>1996</b> , 274, 1900-2	503
1692	Detection of endogenous beta-glucuronidase activity in <i>Aspergillus niger</i> . <b>1996</b> , 45, 240-4	8
1691	Accelerated production of transgenic wheat ( <i>Triticum aestivum</i> L.) plants. <b>1996</b> , 16, 12-7	175
1690	Efficient transgenic plant regeneration through <i>Agrobacterium</i> -mediated transformation of Chickpea ( <i>Cicer arietinum</i> L.). <b>1996</b> , 16, 32-7	68
1689	Transient and stable electrotransformations of intact black Mexican sweet maize cells are obtained after preplasmolysis. <b>1996</b> , 15, 924-8	23
1688	Bromodeoxy uridine combined with UV light and gamma irradiation promotes the production of asymmetric somatic hybrid calli. <b>1996</b> , 15, 986-90	4
1687	Transgenic plant production from leaf discs of <i>Moricandia arvensis</i> using <i>Agrobacterium tumefaciens</i> . <b>1996</b> , 15, 799-803	7

1686	Production of fertile transgenic peanut ( <i>Arachis hypogaea</i> L.) plants using <i>Agrobacterium tumefaciens</i> . <b>1996</b> , 15, 653-7	92
1685	Shoot regeneration and <i>Agrobacterium</i> -mediated transformation of <i>Fragaria vesca</i> L. <b>1996</b> , 15, 642-6	53
1684	Intron-mediated enhancement of gene expression in maize ( <i>Zea mays</i> L.) and bluegrass ( <i>Poa pratensis</i> L.). <b>1996</b> , 15, 489-94	73
1683	Selection of large quantities of embryogenic calli from indica rice seeds for production of fertile transgenic plants using the biolistic method. <b>1996</b> , 15, 322-7	53
1682	An improved green fluorescent protein gene as a vital marker in plants. <b>1996</b> , 112, 893-900	184
1681	Expression of the structural gene, <i>laf1</i> , encoding the flagellin of the lateral flagella in <i>Azospirillum brasilense</i> Sp7. <b>1996</b> , 178, 5017-9	38
1680	Constitutive expression of the cold-regulated <i>Arabidopsis thaliana</i> COR15a gene affects both chloroplast and protoplast freezing tolerance. <b>1996</b> , 93, 13404-9	316
1679	Genetic manipulation of crops. <b>1996</b> , 98, 5-9	
1678	Metabolic pathway engineering in cotton: biosynthesis of polyhydroxybutyrate in fiber cells. <b>1996</b> , 93, 12768-73	174
1677	Functional properties of a cabbage chitinase promoter from cabbage ( <i>Brassica oleracea</i> var. <i>capitata</i> ). <b>1996</b> , 6, 75-84	
1676	A newly discovered gene, <i>tfuA</i> , involved in the production of the ribosomally synthesized peptide antibiotic trifolitoxin. <b>1996</b> , 178, 4150-6	38
1675	Molecular recognition of pathogen attack occurs inside of plant cells in plant disease resistance specified by the <i>Arabidopsis</i> genes <i>RPS2</i> and <i>RPM1</i> . <b>1996</b> , 93, 15497-502	151
1674	Transgenic plant production mediated by <i>Agrobacterium</i> in Indica rice. <b>1996</b> , 15, 727-30	227
1673	Silicon carbide fiber-mediated DNA delivery into cells of wheat ( <i>Triticum aestivum</i> L.) mature embryos. <b>1996</b> , 16, 133-6	29
1672	Oil bodies of transgenic <i>Brassica napus</i> as a source of immobilized $\beta$ -glucuronidase. <b>1996</b> , 73, 1533-1538	9
1671	A focusing device for tissue transformation with the DuPont/BioRad PDS1000 helium microprojectile system. <i>Plant Molecular Biology Reporter</i> , <b>1996</b> , 14, 124-133	1.7 6
1670	Transgenic grain legumes obtained by in planta electroporation-mediated gene transfer. <b>1996</b> , 5, 85-96	63
1669	Transient <i>gus</i> expression in zygotic embryos of <i>Taxus Brevifolia</i> . <b>1996</b> , 32, 81-85	4

1668	Repeated sequences from the <i>Arabidopsis thaliana</i> genome function as enhancers in transgenic tobacco. <b>1996</b> , 252, 563-71	3
1667	Molecular and functional characterization of Slide, an Ac-like autonomous transposable element from tobacco. <b>1996</b> , 252, 386-97	19
1666	Two cold-inducible genes encoding lipid transfer protein LTP4 from barley show differential responses to bacterial pathogens. <b>1996</b> , 252, 162-8	58
1665	In situ detection of expression of the <i>gus</i> reporter gene in transgenic plants: ten years of blue genes. <b>1996</b> , 5, 281-288	36
1664	<i>Agrobacterium rhizogenes</i> -mediated induction of adventitious rooting from <i>Pinus contorta</i> hypocotyls and the effect of 5-azacytidine on transgene activity. <b>1996</b> , 5, 75-85	29
1663	A system for tissue-specific copper-controllable gene expression in transgenic plants: nodule-specific antisense of aspartate aminotransferase-P2. <b>1996</b> , 5, 105-113	46
1662	Electroporation of immature maize zygotic embryos and regeneration of transgenic plants. <b>1996</b> , 5, 219-221	13
1661	The pleiotropic effects induced by the <i>rolC</i> gene in transgenic plants are caused by expression restricted to protophloem and companion cells. <b>1996</b> , 5, 3-11	25
1660	Transgenic sweet potato plants obtained by <i>Agrobacterium tumefaciens</i> -mediated transformation. <b>1996</b> , 46, 237-244	37
1659	Somatic embryo cycling: Evaluation of a novel transformation and assay system for seed-specific gene expression in soybean. <b>1996</b> , 47, 33-42	29
1658	The role of multiple binding sites in the activation of zein gene expression by Opaque-2. <b>1996</b> , 252, 723-32	17
1657	Distinct cis-acting elements direct the germination and sugar responses of the cucumber malate synthase gene. <b>1996</b> , 250, 153-61	28
1656	Identification of the pheromone response element in <i>Ustilago maydis</i> . <b>1996</b> , 251, 31-7	51
1655	Cis-elements important for the expression of the ADP-glucose pyrophosphorylase small-subunit are located both upstream and downstream from its structural gene. <b>1996</b> , 250, 581-92	4
1654	Bean ribonuclease-like pathogenesis-related protein genes ( <i>Ypr10</i> ) display complex patterns of developmental, dark-induced and exogenous-stimulus-dependent expression. <b>1996</b> , 239, 281-93	97
1653	Root Colonization by <i>Bipolaris sorokiniana</i> in Different Cereals and Relations to Lesion Development and Natural Root Cortical Cell Death. <b>1996</b> , 144, 301-307	15
1652	Snowdrop lectin inhibits development and decreases fecundity of the Glasshouse Potato Aphid ( <i>Aulacorthum solani</i> ) when administered in vitro and via transgenic plants both in laboratory and glasshouse trials. <b>1996</b> , 42, 1035-1045	181
1651	Transformation of blueberry without antibiotic selection. <b>1996</b> , 128, 557-564	30

1650	Herbicide-resistant Acala and Coker cottons transformed with a native gene encoding mutant forms of acetohydroxyacid synthase. <b>1996</b> , 2, 307-319	81
1649	Agrobacterium-mediated transformation of sunflower ( <i>Helianthus annuus</i> L.) shoot apices: transformation patterns. <b>1996</b> , 2, 329-338	37
1648	The conserved ELK-homeodomain of KNOTTED-1 contains two regions that signal nuclear localization. <b>1996</b> , 30, 1-14	49
1647	Tissue-specific expression of the <i>rolA</i> gene mediates morphological changes in transgenic tobacco. <b>1996</b> , 30, 125-34	16
1646	Tetracycline-regulated reporter gene expression in the moss <i>Physcomitrella patens</i> . <b>1996</b> , 30, 199-205	28
1645	The 22 bp W1 element in the pea lectin promoter is necessary and, as a multimer, sufficient for high gene expression in tobacco seeds. <b>1996</b> , 32, 515-23	13
1644	Light-dependent developmental control of <i>rbcS</i> gene expression in epidermal cells of maize leaves. <b>1996</b> , 31, 831-41	9
1643	Characterization of common cis-regulatory elements responsible for the endosperm-specific expression of members of the rice glutelin multigene family. <b>1996</b> , 30, 1207-21	78
1642	Structural characterization of genes corresponding to cotton fiber mRNA, E6: reduced E6 protein in transgenic plants by antisense gene. <b>1996</b> , 30, 297-306	41
1641	Characterization of two class II chitinase genes from peanut and expression studies in transgenic tobacco plants. <b>1996</b> , 30, 351-8	33
1640	A 68 bp element of the beta-phaseolin promoter functions as a seed-specific enhancer. <b>1996</b> , 32, 579-88	28
1639	Functional dissection of a bean chalcone synthase gene promoter in transgenic tobacco plants reveals sequence motifs essential for floral expression. <b>1996</b> , 32, 849-59	39
1638	Heat shock elements are involved in heat shock promoter activation during tobacco seed maturation. <b>1996</b> , 31, 157-62	26
1637	An endochitinase gene expressed at high levels in the stylar transmitting tissue of tomatoes. <b>1996</b> , 30, 899-911	48
1636	The maize caffeic acid O-methyltransferase gene promoter is active in transgenic tobacco and maize plant tissues. <b>1996</b> , 31, 307-22	42
1635	Tissue-specific expression of the PAL3 promoter requires the interaction of two conserved cis sequences. <b>1996</b> , 31, 393-7	11
1634	Isolation and promoter characterization of barley gene <i>Itr1</i> encoding trypsin inhibitor BTI-CMe: differential activity in wild-type and mutant <i>lys3a</i> endosperm. <b>1996</b> , 31, 1051-9	15
1633	Ethylene control of E4 transcription during tomato fruit ripening involves two cooperative cis elements. <b>1996</b> , 31, 1117-27	59



1632	Regulation of an embryogenic carrot gene (DC 2.15) and identification of its active promoter sites. <b>1996, 31, 1153-61</b>	5
1631	Functional dissection of a napin gene promoter: identification of promoter elements required for embryo and endosperm-specific transcription. <b>1996, 32, 1019-27</b>	125
1630	Analysis of kafirin promoter activity in transgenic tobacco seeds. <b>1996, 32, 1029-35</b>	7
1629	Sequence homology requirements for transcriptional silencing of 35S transgenes and post-transcriptional silencing of nitrite reductase (trans)genes by the tobacco 271 locus. <b>1996, 32, 1075-83</b>	43
1628	Intron position affects expression from the tpi promoter in rice. <b>1996, 31, 689-92</b>	35
1627	Characterization and expression of metallothionein-like genes in cotton. <b>1996, 31, 701-5</b>	47
1626	Direct regeneration of transformed plants from stem fragments of potato inoculated with <i>Agrobacterium rhizogenes</i> . <b>1996, 45, 115-121</b>	3
1625	Plant regeneration and genetic transformation of <i>Lotus angustissimus</i> . <b>1996, 45, 145-152</b>	8
1624	Regulation, expression and function of a new basic chitinase gene in rice ( <i>Oryza sativa</i> L.). <b>1996, 30, 387-401</b>	56
1623	The PR-1a promoter contains a number of elements that bind GT-1-like nuclear factors with different affinity. <b>1996, 30, 493-504</b>	33
1622	A promoter identified in the 3' end of the Ac transposon can be activated by cis-acting elements in transgenic <i>Arabidopsis</i> lines. <b>1996, 30, 539-51</b>	14
1621	Genetic transformation through the use of hyperhydric tobacco meristems. <b>1996, 2, 73</b>	3
1620	<i>Agrobacterium tumefaciens</i> -mediated transformation of japonica and indica rice varieties. <b>1996, 199, 612</b>	130
1619	Overexpression of rice phytochrome A in tobacco seedlings modifies responsiveness but not competence to phytochrome. <b>1996, 199, 50</b>	1
1618	Transient marker-gene expression during zygotic in-vitro embryogenesis of <i>Brassica juncea</i> (Indian mustard) following particle bombardment. <b>1996, 198, 211</b>	5
1617	High-efficiency, microprojectile-mediated cotransformation of sugarcane, using visible or selectable markers. <b>1996, 2, 239-249</b>	122
1616	DNA methylation and expression of NPT II in transgenic petunias and progeny. <b>1996, 92, 976-81</b>	25
1615	Molecular characterization of the fate of transgenes in transformed wheat ( <i>Triticum aestivum</i> L.). <b>1996, 92, 1031-7</b>	77

1614	Variation in the inheritance of expression among subclones for unselected ( <i>uidA</i> ) and selected ( <i>bar</i> ) transgenes in maize ( <i>Zea mays</i> L.). <b>1996</b> , 92, 752-61	41
1613	Transgenic potato plants with enhanced resistance to the peach-potato aphid <i>Myzus persicae</i> . <b>1996</b> , 79, 295-307	124
1612	Immunogold localization of nodule-enhanced phosphoenolpyruvate carboxylase in alfalfa. <b>1996</b> , 19, 602-608	15
1611	Regeneration of transgenic cassava plants ( <i>Manihot esculenta</i> Crantz) from microbombarded embryogenic suspension cultures. <b>1996</b> , 14, 731-5	100
1610	High efficiency transformation of maize ( <i>Zea mays</i> L.) mediated by <i>Agrobacterium tumefaciens</i> . <b>1996</b> , 14, 745-50	654
1609	Hydrolysis of glucuronide-based substrates mediated by tungsten, Cu <sup>2+</sup> , Fe <sup>2+</sup> , and Zn <sup>2+</sup> . <b>1996</b> , 96, 484-490	1
1608	Transformation efficiencies and progeny analysis after varying different parameters of direct gene transfer of <i>Nicotiana tabacum</i> protoplasts. <b>1996</b> , 98, 550-556	2
1607	Differential seed maturation uncouples fertilization and siring success in <i>Oenothera organensis</i> (Onagraceae). <b>1996</b> , 76, 623-632	19
1606	Transgenes Display Stable Patterns of Expression in Apple Fruit and Mendelian Segregation in the Progeny. <b>1996</b> , 14, 56-60	15
1605	Quantitative assessment of in planta distribution of metabolic activity and gene expression of an endophytic fungus. <b>1997</b> , 143, 267-275	27
1604	Glucose represses the lactose-galactose regulon in <i>Kluyveromyces lactis</i> through a SNF1 and MIG1-dependent pathway that modulates galactokinase ( <i>GAL1</i> ) gene expression. <b>1997</b> , 25, 3657-64	39
1603	The activation domain of the maize transcription factor Opaque-2 resides in a single acidic region. <b>1997</b> , 25, 756-63	17
1602	High frequency transformation and regeneration of transgenic plants in the model legume <i>Lotus japonicus</i> . <b>1997</b> , 48, 1357-1365	134
1601	<i>liguleless1</i> encodes a nuclear-localized protein required for induction of ligules and auricles during maize leaf organogenesis. <b>1997</b> , 11, 616-28	178
1600	Evidence for some signal transduction elements involved in UV-light-dependent responses in parsley protoplasts. <b>1997</b> , 48, 739-750	48
1599	A peroxidase gene promoter induced by phytopathogens and methyl jasmonate in transgenic plants. <b>1997</b> , 10, 326-38	50
1598	A homolog of the mammalian GTPase Rab2 is present in <i>Arabidopsis</i> and is expressed predominantly in pollen grains and seedlings. <b>1997</b> , 94, 762-7	51
1597	Extensive mutagenesis of a transcriptional activation domain identifies single hydrophobic and acidic amino acids important for activation in vivo. <b>1997</b> , 17, 115-22	57

1596	A New <i>Medicago truncatula</i> Line with Superior in Vitro Regeneration, Transformation, and Symbiotic Properties Isolated Through Cell Culture Selection. <b>1997</b> , 10, 307-315	101
1595	Two PR-1 genes from tomato are differentially regulated and reveal a novel mode of expression for a pathogenesis-related gene during the hypersensitive response and development. <b>1997</b> , 10, 624-34	115
1594	Mobilization, cloning, and sequence determination of a plasmid-encoded polygalacturonase from a phytopathogenic Burkholderia ( <i>Pseudomonas</i> ) cepacia. <b>1997</b> , 10, 840-51	37
1593	A regulatory locus, <i>pehSR</i> , controls polygalacturonase production and other virulence functions in <i>Ralstonia solanacearum</i> . <b>1997</b> , 10, 1054-64	40
1592	Functional and regulatory analysis of the two copies of the <i>fixNOQP</i> operon of <i>Rhizobium leguminosarum</i> strain VF39. <b>1997</b> , 10, 605-16	43
1591	Enhanced methionine levels and increased nutritive value of seeds of transgenic lupins ( <i>Lupinus angustifolius</i> L.) expressing a sunflower seed albumin gene. <b>1997</b> , 94, 8393-8	242
1590	Proteoglycans and related components in plant cells. <b>1997</b> , 174, 195-291	301
1589	Recombinant Gene Expression Protocols. <b>1997</b> ,	1
1588	Gene transfer by particle bombardment to Norway spruce and Scots pine pollen. <b>1997</b> , 27, 928-935	23
1587	Genetic Transformation of Carnation ( <i>Dianthus Caryophyllus</i> L.). <b>1997</b> , 11, 21-25	3
1586	<i>Agrobacterium</i> -mediated transformation of <i>Amaranthus hypochondriacus</i> : light- and tissue-specific expression of a pea chlorophyll a/b-binding protein promoter. <b>1997</b> , 16, 847-852	23
1585	Transformation of <i>lisianthus</i> ( <i>Eustoma grandiflorum</i> ). <b>1997</b> , 16, 853-858	26
1584	Efficient selection and regeneration of creeping bentgrass transformants following particle bombardment. <b>1997</b> , 16, 874-878	30
1583	Factors affecting <i>Agrobacterium</i> -mediated transformation in Citrus and production of sour orange ( <i>Citrus aurantium</i> L.) plants expressing the coat protein gene of citrus tristeza virus. <b>1997</b> , 16, 745-753	110
1582	Regeneration and transformation of <i>Eucalyptus camaldulensis</i> . <b>1997</b> , 16, 787-791	74
1581	Transient expression of GUS and the 2S albumin gene from Brazil nut in peanut ( <i>Arachis hypogaea</i> L.) seed explants using particle bombardment. <b>1997</b> , 16, 619-623	16
1580	Detectable $\beta$ -glucuronidase activity in transgenic cranberry is affected by endogenous inhibitors and plant development. <b>1997</b> , 16, 641-646	4
1579	Detectable $\beta$ -glucuronidase activity in transgenic cranberry is affected by endogenous inhibitors and plant development. <b>1997</b> , 16, 641-646	35

1578	Optimization of parameters for particle bombardment of embryogenic suspension cultures of cassava ( <i>Manihot esculenta</i> Crantz) using computer image analysis. <b>1997</b> , 16, 526-530	18
1577	Expression and inheritance of foreign genes in transgenic peanut plants generated by <i>Agrobacterium</i> -mediated transformation. <b>1997</b> , 16, 541-544	29
1576	Biolistic transformation of haploid isolated microspores of barley ( <i>Hordeum vulgare</i> L.). <b>1997</b> , 40, 570-81	71
1575	Genetic transformation of lime ( <i>Citrus aurantifolia</i> Swing.): factors affecting transformation and regeneration. <b>1997</b> , 16, 731-737	79
1574	Transformation and foreign gene expression in plants by microprojectile bombardment. <b>1997</b> , 62, 463-89	56
1573	The tomato RBCS3A promoter requires integration into the chromatin for correct organ-specific regulation. <b>1997</b> , 415, 91-5	4
1572	<i>Arabidopsis thaliana</i> class IV chitinase is early induced during the interaction with <i>Xanthomonas campestris</i> . <b>1997</b> , 419, 69-75	54
1571	Biolistic Transformation of Elite Indica Rice ( <i>Oryza sativa</i> L.) Cultivars Through Semi-Solid and Liquid Medium Selection Systems. <b>1997</b> , 6, 75-80	6
1570	Evaluation of five promoters for use in transformation of oil palm ( <i>Elaeis guineensis</i> Jacq.). <b>1997</b> , 16, 277-281	15
1569	Effect of cadmium treatment on the expression of chimeric genes in transgenic tobacco seedlings and calli. <b>1997</b> , 16, 291-294	10
1568	Tapetum-specific expression of the Osg6B promoter- $\beta$ -glucuronidase gene in transgenic rice. <b>1997</b> , 16, 363-367	50
1567	Transformation of <i>Rhododendron</i> spp. using <i>Agrobacterium tumefaciens</i> with a GUS-intron chimeric gene. <b>1997</b> , 122, 165-171	19
1566	Promoter tissue specific activity and ethylene control of the gene coding for the maize hydroxyproline-rich glycoprotein in maize cells transformed by particle bombardment. <b>1997</b> , 125, 189-200	12
1565	Recovery of transgenic asparagus plants by particle gun bombardment of somatic cells. <b>1997</b> , 126, 59-68	8
1564	Bud regeneration from <i>Eucalyptus globulus</i> clones and seedlings through hormonal imbalances induced by <i>Agrobacterium tumefaciens</i> strain 82.139. <b>1997</b> , 127, 81-90	13
1563	Characterization of $\beta$ -pyrroline-5-carboxylate synthetase gene promoter in transgenic <i>Arabidopsis thaliana</i> subjected to water stress. <b>1997</b> , 129, 81-89	33
1562	TMV-induced expression of tobacco $\beta$ -glucanase promoter activity is mediated by a single, inverted, GCC motif. <b>1997</b> , 130, 159-169	12
1561	Plasmolysis of precultured immature embryos improves <i>Agrobacterium</i> mediated gene transfer to rice ( <i>Oryza sativa</i> L.). <b>1997</b> , 130, 87-95	21

- 1560 Differential utilization of regulatory cis-elements for stress-induced and tissue-specific activity of a French bean chalcone synthase promoter. **1997**, 124, 175-182 18
- 1559 Transformation in protoplast cultures of *Linum usitatissimum* and *L. suffruticosum* mediated with PEG and with *Agrobacterium tumefaciens*. **1997**, 151, 479-488 19
- 1558 Fertile transgenic plants from direct gene transfer to protoplasts of *Lolium perenne* L. and *Lolium multiflorum* Lam.. **1997**, 151, 83-90 37
- 1557 Biphasic expression of a *Vicia faba* legumin B gene in developing seeds of transgenic tobacco. **1997**, 150, 115-126 5
- 1556 The arginine deiminase pathway in *Rhizobium etli*: DNA sequence analysis and functional study of the *arcABC* genes. **1997**, 179, 7403-9 39
- 1555 Transgenic tobacco expressing *Vitreoscilla* hemoglobin exhibits enhanced growth and altered metabolite production. **1997**, 15, 244-7 88
- 1554 Physical parameters affecting transient GUS gene expression in oil palm (*Elaeis guineensis* Jacq.) using the biolistic device. **1997**, 6, 41-50 26
- 1553 Effects of snowdrop lectin (GNA) delivered via artificial diet and transgenic plants on the development of tomato moth (*Lacanobia oleracea*) larvae in laboratory and glasshouse trials. **1997**, 43, 727-739 117
- 1552 A BIR motif containing gene of African swine fever virus, 4CL, is nonessential for growth in vitro and viral virulence. **1997**, 230, 252-64 56
- 1551 Regulation of a geminivirus coat protein promoter by AL2 protein (TrAP): evidence for activation and derepression mechanisms. **1997**, 232, 269-80 99
- 1550 Splicing is required for transactivation by the immediate early gene 1 of the *Lymantria dispar* multinucleocapsid nuclear polyhedrosis virus. **1997**, 235, 153-65 26
- 1549 Enhanced expression in tobacco of the gene encoding green fluorescent protein by modification of its codon usage. **1997**, 33, 989-99 94
- 1548 Comparison of the activities of CaMV 35S and FMV 34S promoter derivatives in *Catharanthus roseus* cells transiently and stably transformed by particle bombardment. **1997**, 33, 943-6 56
- 1547 The beta-phaseolin 5' matrix attachment region acts as an enhancer facilitator. **1997**, 33, 553-7 42
- 1546 Structural characteristics of two wheat histone H2A genes encoding distinct types of variants and functional differences in their promoter activity. **1997**, 33, 791-802 14
- 1545 A 146 bp fragment of the tobacco *Lhcb1\*2* promoter confers very-low-fluence, low-fluence and high-irradiance responses of phytochrome to a minimal CaMV 35S promoter. **1997**, 33, 245-55 11
- 1544 Regulated expression of plant tRNA genes by the prokaryotic tet and lac repressors. **1997**, 35, 417-24 14
- 1543 Cloning and characterization of the calreticulin gene from *Ricinus communis* L. **1997**, 34, 897-911 48

1542	An ozone-responsive region of the grapevine resveratrol synthase promoter differs from the basal pathogen-responsive sequence. <b>1997</b> , 34, 417-26	102
1541	GUS expression in Arabidopsis directed by 5' regions of the pea metallothionein-like gene PsMTA. <b>1997</b> , 34, 659-68	36
1540	Expression of glyoxylate cycle genes in cucumber roots responds to sugar supply and can be activated by shading or defoliation of the shoot. <b>1997</b> , 35, 633-40	23
1539	Cloning and characterization of elongation specific endo-1,4-beta-glucanase (cel1) from Arabidopsis thaliana. <b>1997</b> , 34, 837-42	48
1538	Transcription of genes for conglutin gamma and a leginsulin-like protein in narrow-leaved lupin. <b>1997</b> , 34, 613-27	23
1537	ACGT and vicilin core sequences in a promoter domain required for seed-specific expression of a 2S storage protein gene are recognized by the opaque-2 regulatory protein. <b>1997</b> , 34, 879-89	24
1536	Studies on the expression of marker genes in chickpea. <b>1997</b> , 49, 7-16	17
1535	Coat protein-mediated resistance to isolates of barley yellow dwarf in oats and barley. <b>1997</b> , 103, 695-710	45
1534	Transient b-glucuronidase activity after infiltration of Arabidopsis thaliana by Agrobacterium tumefaciens. <b>1997</b> , 39, 33-41	9
1533	Particle mediated DNA delivery and transient expression of GUS gene in plated cells of rice. <b>1997</b> , 39, 305-309	1
1532	Coffee biotechnology and its application in genetic transformation. <b>1997</b> , 96, 167-172	18
1531	Transgenic potato plants with enhanced resistance to the tomato moth, Lacanobia oleracea: growth room trials. <b>1997</b> , 3, 49-63	151
1530	Pathogen-derived resistance provides papaya with effective protection against papaya ringspot virus. <b>1997</b> , 3, 161-168	84
1529	pBECKS. A flexible series of binary vectors for Agrobacterium-mediated plant transformation. <b>1997</b> , 8, 199-213	25
1528	Agrobacterium-mediated transformation of lite indica and japonica rice cultivars. <b>1997</b> , 8, 223-31	37
1527	Screening of transgenic plants by multiplex PCR. <i>Plant Molecular Biology Reporter</i> , <b>1997</b> , 15, 38-45	1.7 18
1526	An improved method for direct gene transfer and subsequent regeneration of Arabidopsis thaliana Landsberg erecta and two marker lines. <b>1997</b> , 47, 111-118	2
1525	A risk assessment study of plant genetic transformation using Agrobacterium and implications for analysis of transgenic plants. <b>1997</b> , 47, 135-144	16

1524	Stability of CaMV 35S-gus gene expression in (bird's foot trefoil) hairy root cultures under different growth conditions. <b>1997</b> , 47, 163-168	7
1523	Preliminary studies on establishment of genetic transformation system in loblolly pine. <b>1997</b> , 8, 201-205	1
1522	fist: an Arabidopsis mutant with altered cell division planes and radial pattern disruption during embryogenesis. <b>1997</b> , 10, 358-367	7
1521	Tomato prosystemin promoter confers wound-inducible, vascular bundle-specific expression of the Eglucuronidase gene in transgenic tomato plants. <b>1997</b> , 203, 406-412	93
1520	Differential expression of two functional serine/threonine protein kinases from soybean that have an unusual acidic domain at the carboxy terminus. <b>1997</b> , 255, 359-71	30
1519	Transient expression and oil body targeting of an Arabidopsis oleosin-GUS reporter fusion protein in a range of oilseed embryos. <b>1997</b> , 17, 1-7	11
1518	Development of a binary vector system for plant transformation based on the supervirulent Agrobacterium tumefaciens strain Chry5. <b>1997</b> , 17, 102-108	46
1517	Agrobacterium-mediated transformation of the terpenoid indole alkaloid-producing plant species Tabernaemontana pandacaqui. <b>1997</b> , 17, 150-154	3
1516	Agrobacterium-mediated transformation of Phaseolus acutifolius A. Gray. <b>1997</b> , 94, 151-158	49
1515	A promoter region that controls basal and elicitor-inducible expression levels of the NADPH:cytochrome P450 reductase gene (Cpr) from Catharanthus roseus binds nuclear factor GT-1. <b>1997</b> , 256, 674-81	11
1514	Transient and stable transformation of wheat with DNA preparations delivered by a biolistic method. <b>1997</b> , 19, 277-284	8
1513	Regulation of gene expression by endogenous ABA in tomato plants. <b>1997</b> , 19, 405-418	4
1512	Ozone- and ethylene-induced regulation of a grapevine resveratrol synthase promoter in transgenic tobacco. <b>1997</b> , 19, 467-474	17
1511	Factors regulating the expression of cell cycle genes in individual buds of Populus. <b>1997</b> , 201, 43-52	36
1510	Role of the host cell cycle in the Agrobacterium-mediated genetic transformation of Petunia: Evidence of an S-phase control mechanism for T-DNA transfer. <b>1997</b> , 201, 160-172	112
1509	Promoter elements required for phloem-specific gene expression from the RTBV promoter in rice. <b>1997</b> , 12, 1179-88	79
1508	HoxA is a transcriptional regulator for expression of the hup structural genes in free-living Bradyrhizobium japonicum. <b>1997</b> , 23, 967-77	26
1507	Allelic composition and genetic background effects on transgene expression and inheritance in white clover. <b>1998</b> , 4, 479-490	28

1506	Commercial production of $\beta$ -glucuronidase (GUS): a model system for the production of proteins in plants. <b>1998</b> , 4, 301-312	99
1505	Molecular wheat breeding by direct gene transfer. <b>1998</b> , 100, 219-223	10
1504	Promoter regions of the extA extensin gene from Brassica napus control activation in response to wounding and tensile stress. <b>1998</b> , 37, 675-87	39
1503	Identification of UV/blue light-response elements in the Arabidopsis thaliana chalcone synthase promoter using a homologous protoplast transient expression system. <b>1998</b> , 36, 741-54	133
1502	Identification by PCR of receptor-like protein kinases from Arabidopsis flowers. <b>1998</b> , 37, 587-96	36
1501	Expression of the tobacco anionic peroxidase gene is tissue-specific and developmentally regulated. <b>1998</b> , 36, 509-20	35
1500	A maize pectin methylesterase-like gene, ZmC5, specifically expressed in pollen. <b>1998</b> , 37, 187-92	54
1499	Expression of the Zinnia TED3 promoter in developing tracheary elements of transgenic Arabidopsis. <b>1998</b> , 36, 917-27	20
1498	A -308 deletion of the tomato LAP promoters is able to direct flower-specific and MeJA-induced expression in transgenic plants. <b>1998</b> , 36, 639-48	23
1497	The activities of acidic and glutamine-rich transcriptional activation domains in plant cells: design of modular transcription factors for high-level expression. <b>1998</b> , 36, 195-204	61
1496	Induction of a beta-phaseolin promoter by exogenous abscisic acid in tobacco: developmental regulation and modulation by external sucrose and Ca <sup>2+</sup> ions. <b>1998</b> , 37, 265-74	18
1495	Interaction of DNA-binding proteins with the 5'-flanking region of a cytokinin-responsive cucumber hydroxypyruvate reductase gene. <b>1998</b> , 38, 713-23	14
1494	Eucalyptus has a functional equivalent of the Arabidopsis floral meristem identity gene LEAFY. <b>1998</b> , 37, 897-910	75
1493	Molecular cloning and characterization of the Amylose-Extender gene encoding starch branching enzyme IIB in maize. <b>1998</b> , 38, 945-56	46
1492	Maize alpha-tubulin genes are expressed according to specific patterns of cell differentiation. <b>1998</b> , 37, 1069-78	36
1491	The promoter of the plant defensin gene PDF1.2 from Arabidopsis is systemically activated by fungal pathogens and responds to methyl jasmonate but not to salicylic acid. <b>1998</b> , 38, 1071-80	134
1490	Expression of an anther-specific chalcone synthase-like gene is correlated with uninucleate microspore development in Nicotiana sylvestris. <b>1998</b> , 38, 1169-78	32
1489	The sugarcane bacilliform badnavirus promoter is active in both monocots and dicots. <b>1998</b> , 38, 347-56	33



1488	Engineering in vivo instability of firefly luciferase and Escherichia coli beta-glucuronidase in higher plants using recognition elements from the ubiquitin pathway. <b>1998</b> , 37, 337-47	38
1487	Separation of cis elements responsive to ethylene, fruit development, and ripening in the 5'-flanking region of the ripening-related E8 gene. <b>1998</b> , 37, 1001-11	63
1486	Identification of promoter elements in a low-temperature-responsive gene (blt4.9) from barley ( <i>Hordeum vulgare</i> L.). <b>1998</b> , 38, 551-64	144
1485	Development of an efficient Agrobacterium-mediated transformation system for Brassica carinata. <b>1998</b> , 17, 183-188	50
1484	Transgenic Brassica carinata as a vehicle for the production of recombinant proteins in seeds. <b>1998</b> , 17, 195-200	42
1483	Nonlinear ribosome migration on cauliflower mosaic virus 35S RNA in transgenic tobacco plants. <b>1998</b> , 242, 403-13	10
1482	Identification of genes involved in replication and movement of peanut clump virus. <b>1998</b> , 248, 312-22	53
1481	AcMNPV late expression factor-5 interacts with itself and contains a zinc ribbon domain that is required for maximal late transcription activity and is homologous to elongation factor TFIIIS. <b>1998</b> , 250, 118-34	37
1480	Infection of tobacco or Arabidopsis plants by CMV counteracts systemic post-transcriptional silencing of nonviral (trans)genes. <b>1998</b> , 252, 313-7	158
1479	Expression and inheritance of multiple transgenes in rice plants. <b>1998</b> , 16, 1060-4	175
1478	Biological parameters affecting transient GUS gene expression in oil palm ( <i>Elaeis guineensis</i> Jacq.) embryogenic calli via microprojectile bombardment. <b>1998</b> , 8, 17-27	19
1477	Ascorbate increases electrotransformation efficiency of intact maize cells. <b>1998</b> , 264, 284-6	11
1476	Localization of an SLG protein expressed under the regulation of a tapetum-specific promoter in anthers of transgenic Brassica napus. <b>1998</b> , 11, 245-250	3
1475	Herbicide-resistant sugarcane ( <i>Saccharum officinarum</i> L.) plants by Agrobacterium-mediated transformation. <b>1998</b> , 206, 20-27	121
1474	Analysis of cis-acting DNA elements mediating induction and repression of the spinach nitrite reductase gene. <b>1998</b> , 206, 66-71	14
1473	Indole-3-acetic acid is synthesized from L-tryptophan in roots of Arabidopsis thaliana. <b>1998</b> , 206, 362-9	74
1472	Male sterility associated with APRT deficiency in Arabidopsis thaliana results from a mutation in the gene APT1. <b>1998</b> , 257, 348-53	39
1471	HSF3, a new heat shock factor from Arabidopsis thaliana, derepresses the heat shock response and confers thermotolerance when overexpressed in transgenic plants. <b>1998</b> , 258, 269-78	143

1470	Flank matrix attachment regions (MARs) from chicken, bean, yeast or tobacco do not prevent homology-dependent trans-silencing in transgenic tobacco plants. <b>1998</b> , 259, 388-92	23
1469	Effect of ploidy and homozygosity on transgene expression in primary tobacco transformants and their androgenetic progenies. <b>1998</b> , 260, 362-71	18
1468	Half-embryo cocultivation technique for estimating the susceptibility of pea ( <i>Pisum sativum</i> L.) and lentil ( <i>Lens culinaris</i> Medik.) cultivars to <i>Agrobacterium tumefaciens</i> . <b>1998</b> , 9, 175-9	19
1467	Transient expression of exogenous gus gene in <i>Porphyra yezoensis</i> (Rhodophyta). <b>1998</b> , 16, 56-61	28
1466	Gene expression and oxalate oxidase activity of two germin isoforms induced by stress. <b>1998</b> , 20, 19-33	3
1465	Expression of the <i>Commelina</i> yellow mottle virus promoter in transgenic oat. <b>1998</b> , 17, 284-287	31
1464	A maize anthocyanin transactivator induces pigmentation in hairy roots of dicotyledonous species. <b>1998</b> , 17, 339-344	19
1463	The effect of altered codon usage on luciferase activity in tobacco, maize and wheat. <b>1998</b> , 17, 396-399	17
1462	Stable transformation and regeneration of transgenic plants of <i>Pinus radiata</i> D. Don. <b>1998</b> , 17, 460-468	120
1461	Sonication-assisted <i>Agrobacterium</i> -mediated transformation of soybean [ <i>Glycine max</i> (L.) Merrill] embryogenic suspension culture tissue. <b>1998</b> , 17, 482-488	129
1460	Co-transformation with one <i>Agrobacterium tumefaciens</i> strain containing two binary plasmids as a method for producing marker-free transgenic plants. <b>1998</b> , 17, 489-496	137
1459	<i>Agrobacterium tumefaciens</i> - mediated transformation of embryogenic avocado cultures and regeneration of somatic embryos. <b>1998</b> , 17, 497-503	39
1458	CaMV 35S promoter directs $\beta$ glucuronidase expression in the laticiferous system of transgenic <i>Hevea brasiliensis</i> (rubber tree). <b>1998</b> , 17, 621-625	42
1457	<i>Agrobacterium tumefaciens</i> -mediated transformation of <i>Eucalyptus camaldulensis</i> and production of transgenic plants. <b>1998</b> , 17, 675-680	69
1456	Sonication-assisted <i>Agrobacterium</i> -mediated transformation of soybean immature cotyledons: optimization of transient expression. <b>1998</b> , 17, 752-759	125
1455	Transformation of arctic bramble ( <i>Rubus arcticus</i> L.) by <i>Agrobacterium tumefaciens</i> . <b>1998</b> , 17, 822-826	13
1454	Functional analysis of the Rubisco large subunit N-methyltransferase promoter from tobacco and its regulation by light in soybean hairy roots. <b>1998</b> , 17, 907-912	18
1453	Herbicide-resistant transgenic creeping bentgrass plants obtained by electroporation using an altered buffer. <b>1998</b> , 17, 963-967	16

1452	A protocol for consistent, large-scale production of fertile transgenic rice plants. <b>1998</b> , 18, 25-31	96
1451	Analysis and optimisation of DNA delivery into wheat scutellum and Tritordeum inflorescence explants by tissue electroporation. <b>1998</b> , 18, 64-70	23
1450	Factors influencing <i>Agrobacterium tumefaciens</i> -mediated transformation of <i>Artemisia annua</i> L.. <b>1998</b> , 18, 105-110	46
1449	Constitutive expression of the neutral PR-5 (OLP, PR-5d) gene in roots and cultured cells of tobacco is mediated by ethylene-responsive cis-element AGCCGCC sequences. <b>1998</b> , 18, 173-179	13
1448	Evaluation of microprojectile-mediated DNA delivery and reporter genes for genetic transformation of the Mediterranean cypress ( <i>Cupressus sempervirens</i> L.). <b>1998</b> , 18, 198-202	10
1447	Stable transformation of <i>Lithospermum erythrorhizon</i> by <i>Agrobacterium rhizogenes</i> and shikonin production of the transformants. <b>1998</b> , 18, 214-219	37
1446	Transformation and regeneration of <i>Lobelia erinus</i> using <i>Agrobacterium tumefaciens</i> . <b>1998</b> , 18, 308-311	7
1445	Thermal evaluation of transgenic cotton containing polyhydroxybutyrate. <b>1998</b> , 313, 43-53	32
1444	Essential oils from hairy root cultures and from fruits and roots of <i>Pimpinella anisum</i> . <b>1998</b> , 48, 455-460	60
1443	Inhibition of alfalfa root nodule phosphoenolpyruvate carboxylase through an antisense strategy impacts nitrogen fixation and plant growth. <b>1998</b> , 49, 341-346	28
1442	Upregulation of two ripening-related genes from a non-climacteric plant (pepper) in a transgenic climacteric plant (tomato). <b>1998</b> , 13, 351-361	55
1441	A protocol for transformation and regeneration of <i>Antirrhinum majus</i> . <b>1998</b> , 13, 723-728	28
1440	Gene identification with sequenced T-DNA tags generated by transformation of <i>Arabidopsis</i> cell suspension. <b>1998</b> , 13, 707-16	120
1439	Phosphorylation mediates the nuclear targeting of the maize Rab17 protein. <b>1998</b> , 13, 691-7	105
1438	Identification and characterization of a locus (RTM1) that restricts long-distance movement of tobacco etch virus in <i>Arabidopsis thaliana</i> . <b>1998</b> , 14, 177-86	99
1437	Drought- and wound-induced expression in leaves of a gene encoding a chromoplast carotenoid-associated protein. <b>1998</b> , 14, 317-326	48
1436	Transcription of the <i>Arabidopsis</i> CPD gene, encoding a steroidogenic cytochrome P450, is negatively controlled by brassinosteroids. <b>1998</b> , 14, 593-602	198
1435	The GCN4 motif in a rice glutelin gene is essential for endosperm-specific gene expression and is activated by Opaque-2 in transgenic rice plants. <b>1998</b> , 14, 673-83	119

1434	Plant-adapted green fluorescent protein is a versatile vital reporter for gene expression, protein localization and mitosis in the filamentous fungus, <i>Aspergillus nidulans</i> . <b>1998</b> , 27, 121-30	170
1433	Molecular cloning and characterization of two phosphatase 2A catalytic subunit genes from <i>Arabidopsis thaliana</i> . <b>1998</b> , 209, 105-12	19
1432	Characterization and expression of a heptaubiquitin gene from tomato. <b>1998</b> , 211, 267-76	19
1431	Genomic organization and promoter activity of the maize starch branching enzyme I gene. <b>1998</b> , 216, 233-43	22
1430	Introduction and expression of marker genes in sandalwood ( <i>Santalum album</i> L.) following <i>Agrobacterium</i> -mediated transformation. <b>1998</b> , 131, 53-63	14
1429	Flower-specific gene expression directed by the promoter of a chalcone synthase gene from <i>Gentiana triflora</i> in <i>Petunia hybrida</i> . <b>1998</b> , 131, 173-180	39
1428	High levels of expression of full-length cryIA(c) gene from <i>Bacillus thuringiensis</i> in transgenic somatic walnut embryos. <b>1998</b> , 131, 181-193	46
1427	A routine system for generation of transgenic rice ( <i>Oryza sativa</i> L.) plants by microprojectile bombardment of embryogenic cell clusters. <b>1998</b> , 133, 203-210	8
1426	Nuclear localization of a foreign gene product in tobacco results in increased accumulation due to enhanced stability. <b>1998</b> , 133, 177-189	3
1425	High efficiency transformation of peppermint ( <i>Mentha piperita</i> L.) with <i>Agrobacterium tumefaciens</i> . <b>1998</b> , 136, 101-108	31
1424	Comparative histology of microprojectile-mediated gene transfer to embryogenic calli in japonica rice ( <i>Oryza sativa</i> L.): influence of the structural organization of target tissues on genotype transformation ability. <b>1998</b> , 138, 177-190	11
1423	Reduction of nuclease activity from <i>Lolium</i> protoplasts: effect on transformation frequency. <b>1998</b> , 139, 29-40	5
1422	Developmental-regulation and tissue-specific expression of two different seed promoter GUS-fusions in transgenic lines of <i>Vicia narbonensis</i> . <b>1998</b> , 152, 621-629	13
1421	Physiological analysis of transgenic <i>Arabidopsis thaliana</i> plants expressing one nitrilase isoform in sense or antisense direction. <b>1998</b> , 153, 446-456	26
1420	<i>Chrysanthemum cultivar</i> <i>Agrobacterium</i> interactions revealed by GUS expression time course experiments. <b>1998</b> , 77, 89-107	12
1419	yTAFII61 has a general role in RNA polymerase II transcription and is required by Gcn4p to recruit the SAGA coactivator complex. <b>1998</b> , 2, 683-92	67
1418	Stable electrotransformation of symbiont candidate diazotrophic bacterium with plasmids carrying selectable and screenable marker genes. <b>1998</b> , 149, 361-72	3
1417	Exotic gene expression in transgenic plants as a tool for monitoring environmental pollution. <b>1998</b> , 37, 2761-2772	7

1416	Systemic spread of sequence-specific transgene RNA degradation in plants is initiated by localized introduction of ectopic promoterless DNA. <b>1998</b> , 95, 177-87	587
1415	Characterization of a gene encoding an abscisic acid-inducible type-2 lipid transfer protein from rice. <b>1998</b> , 428, 193-9	36
1414	Identification and partial characterization of a developmentally regulated protein involved in sexual morphogenesis in the discomycete plant pathogen <i>Pyrenopeziza brassicae</i> . <b>1998</b> , 53, 1-15	3
1413	Comparison of cytokinin and cytokinin-O-glucoside cleaving $\beta$ -glucosidase production in vitro by <i>Venturia inaequalis</i> and other phytopathogenic fungi with differing modes of nutrition in planta. <b>1998</b> , 53, 61-72	17
1412	The <i>ipiO</i> gene of <i>Phytophthora infestans</i> is highly expressed in invading hyphae during infection. <b>1998</b> , 23, 126-38	102
1411	Cell Wall-Degrading Enzymes from <i>Erwinia carotovora</i> Cooperate in the Salicylic Acid-Independent Induction of a Plant Defense Response. <b>1998</b> , 11, 23-32	75
1410	A repression system for genes encoding proteins toxic to bacteria in <i>Agrobacterium tumefaciens</i> -mediated plant transformation. <b>1998</b> , 62, 153-157	
1409	CO11: an Arabidopsis gene required for jasmonate-regulated defense and fertility. <b>1998</b> , 280, 1091-4	1294
1408	Mutants of <i>Rhizobium tropici</i> strain CIAT899 that do not induce chlorosis in plants. <b>1998</b> , 144 ( Pt 9), 2607-2617	17
1407	Transgenic DNA integrated into the oat genome is frequently interspersed by host DNA. <b>1998</b> , 95, 12106-10	123
1406	Tissue culture-specific expression of a naturally occurring tobacco feedback-insensitive anthranilate synthase. <b>1998</b> , 117, 533-43	41
1405	Induction of defense-related responses in Cf9 tomato cells by the AVR9 elicitor peptide of <i>Cladosporium fulvum</i> is developmentally regulated. <b>1998</b> , 117, 809-20	47
1404	Identity elements and aminoacylation of plant tRNA <sup>Trp</sup> . <b>1998</b> , 26, 5139-41	8
1403	T-DNA tagging of a flowering-time gene and improved gene transfer by in planta transformation of Arabidopsis. <b>1998</b> , 25, 125	16
1402	Studying early nodulin gene ENOD40 expression and induction by nodulation factor and cytokinin in transgenic alfalfa. <b>1998</b> , 116, 53-68	173
1401	New Arabidopsis cue mutants suggest a close connection between plastid- and phytochrome regulation of nuclear gene expression. <b>1998</b> , 118, 803-15	96
1400	Expression patterns conferred by tyrosine/dihydroxyphenylalanine decarboxylase promoters from opium poppy are conserved in transgenic tobacco. <b>1998</b> , 118, 69-81	34
1399	Role of the <i>Agrobacterium tumefaciens</i> VirD2 protein in T-DNA transfer and integration. <b>1998</b> , 11, 668-83	92

1398	Sugar response sequence in the promoter of a rice alpha-amylase gene serves as a transcriptional enhancer. <b>1998</b> , 273, 10120-31	136
1397	Bacterial chemotactic motility is important for the initiation of wheat root colonization by <i>Azospirillum brasilense</i> . <b>1998</b> , 144 ( Pt 9), 2599-2606	99
1396	Somaclonal Variation and Induced Mutations in Crop Improvement. <b>1998</b> ,	29
1395	Controlled cytokinin production in transgenic tobacco using a copper-inducible promoter. <b>1998</b> , 116, 969-77	108
1394	In planta transcription of a second subgenomic RNA increases the complexity of the subgroup 2 luteovirus genome. <b>1998</b> , 26, 420-6	50
1393	Inheritance and expression of transgenes in kiwifruit. <b>1998</b> , 26, 169-179	8
1392	<i>Agrobacterium</i> VirD2 protein interacts with plant host cyclophilins. <b>1998</b> , 95, 7040-5	97
1391	Gene Control in Somatic Embryos of <i>Digitalis lanata</i> : Expression of the $\beta$ Glucuronidase Gene Fused to a Plastocyanin Promoter. <b>1998</b> , 111, 22-27	6
1390	Endogenous fluctuations of DNA topology in the chloroplast of <i>Chlamydomonas reinhardtii</i> . <b>1998</b> , 18, 7235-42	53
1389	A transcription activation system for regulated gene expression in transgenic plants. <b>1998</b> , 95, 376-81	185
1388	Roles for Azorhizobial Nod Factors and Surface Polysaccharides in Intercellular Invasion and Nodule Penetration, Respectively. <b>1998</b> , 11, 999-1008	71
1387	The <i>Rhizobium</i> sp. BR816 nodO Gene Can Function as a Determinant for Nodulation of <i>Leucaena leucocephala</i> , <i>Phaseolus vulgaris</i> , and <i>Trifolium repens</i> by a Diversity of <i>Rhizobium</i> spp.. <b>1998</b> , 11, 383-392	27
1386	Expression of a defense-related 3-hydroxy-3-methylglutaryl CoA reductase gene in response to parasitization by <i>Orobanche</i> spp. <b>1998</b> , 11, 530-6	53
1385	Use of monoclonal antibodies to determine biomass of <i>Cladosporium fulvum</i> in infected tomato leaves. <b>1998</b> , 11, 710-6	28
1384	Molecular Dissection of the Mechanism by Which Potexvirus Triple Gene Block Proteins Mediate Cell-to-Cell Transport of Infectious RNA. <b>1998</b> , 11, 801-814	119
1383	Modified development in transgenic tobacco plants expressing a <i>rolA</i> ::GUS translational fusion and subcellular localization of the fusion protein. <b>1998</b> , 11, 855-9	12
1382	Ecological Studies of Transformed <i>Trichoderma harzianum</i> Strain 1295-22 in the Rhizosphere and on the Phylloplane of Creeping Bentgrass. <b>1998</b> , 88, 129-36	75
1381	Homology and functional similarity of an <i>hrp</i> -linked pathogenicity locus, <i>dspEF</i> , of <i>Erwinia amylovora</i> and the avirulence locus <i>avrE</i> of <i>Pseudomonas syringae</i> pathovar tomato. <b>1998</b> , 95, 1325-30	157

1380	Biolistic-mediated transient gene expression in shoot apical meristems of the prickly-pear ( <i>Opuntia ficus-indica</i> ). <b>1999</b> , 42, 299-302	7
1379	Expression of Soybean Cyst Nematode Resistance in Transgenic Hairy Roots of Soybean. <b>1999</b> , 39, 1680-1686	19
1378	Endosperm specific expression of a gliadin-actin hybrid promoter in transgenic rice ( <i>Oryza sativa</i> L.). <b>1999</b> , 27, 241-249	2
1377	Isolation and Characterization of Two Promoters from Linseed for Genetic Engineering. <b>1999</b> , 39, 1696-1701	22
1376	Identification of cis-acting elements important for expression of the starch-branching enzyme I gene in maize endosperm. <b>1999</b> , 121, 225-36	44
1375	Transgenic Tobacco: Gene Expression and Applications. <b>1999</b> , 336-354	5
1374	Regulation of S-like ribonuclease levels in Arabidopsis. Antisense inhibition of RNS1 or RNS2 elevates anthocyanin accumulation. <b>1999</b> , 119, 331-42	143
1373	The arcelin-5 gene of <i>Phaseolus vulgaris</i> directs high seed-specific expression in transgenic <i>Phaseolus acutifolius</i> and Arabidopsis plants. <b>1999</b> , 120, 1095-104	63
1372	NADH-glutamate synthase in alfalfa root nodules. Genetic regulation and cellular expression. <b>1999</b> , 119, 817-28	34
1371	A genomic cluster containing four differentially regulated subtilisin-like processing protease genes is in tomato plants. <b>1999</b> , 274, 2360-5	118
1370	Barley BLZ2, a seed-specific bZIP protein that interacts with BLZ1 in vivo and activates transcription from the GCN4-like motif of B-hordein promoters in barley endosperm. <b>1999</b> , 274, 9175-82	88
1369	Integration of nematode-responsive regulatory sequences from <i>Arabidopsis thaliana</i> into nematode control strategies. <b>1999</b> , 203-210	
1368	Methods of Genetic Transformation: <i>Agrobacterium tumefaciens</i> . <b>1999</b> , 43-82	25
1367	Producing Quality Cotton by Conventional Breeding, Marker Assisted Selection, and Transgenic Methods. <b>1999</b> , 1, 65-82	
1366	Transcriptional activation of the parsley chalcone synthase promoter in heterologous pea and yeast systems. <b>1999</b> , 37, 821-829	2
1365	Developmental timing of transgene expression is dosage dependent. <b>1999</b> , 107, 90-97	6
1364	The ABSCISIC ACID-INSENSITIVE 3 (ABI3) gene is expressed during vegetative quiescence processes in Arabidopsis. <b>1999</b> , 22, 261-270	77
1363	Glyoxalase I from <i>Brassica juncea</i> : molecular cloning, regulation and its over-expression confer tolerance in transgenic tobacco under stress. <b>1999</b> , 17, 385-95	200



1362	Self-processing 2A-polyproteins--a system for co-ordinate expression of multiple proteins in transgenic plants. <b>1999</b> , 17, 453-9	118
1361	A novel parsley 4CL1 cis-element is required for developmentally regulated expression and protein-DNA complex formation. <b>1999</b> , 18, 77-88	19
1360	The Arabidopsis flowering-time gene LUMINIDEPENDENS is expressed primarily in regions of cell proliferation and encodes a nuclear protein that regulates LEAFY expression. <b>1999</b> , 18, 195-203	63
1359	A tobacco matrix attachment region reduces the loss of transgene expression in the progeny of transgenic tobacco plants. <b>1999</b> , 18, 253-263	47
1358	Regulation of phytochrome B signaling by phytochrome A and FHY1 in Arabidopsis thaliana. <b>1999</b> , 18, 499-507	63
1357	Vacuolar processing enzyme is up-regulated in the lytic vacuoles of vegetative tissues during senescence and under various stressed conditions. <b>1999</b> , 19, 43-53	191
1356	Technical advance: transcriptional activator TGV mediates dexamethasone-inducible and tetracycline-inactivatable gene expression. <b>1999</b> , 19, 87-95	78
1355	Arabidopsis ovule is the target for Agrobacterium in planta vacuum infiltration transformation. <b>1999</b> , 19, 249-57	152
1354	Signaling from the embryo conditions Vp1-mediated repression of alpha-amylase genes in the aleurone of developing maize seeds. <b>1999</b> , 19, 371-7	41
1353	Transcription activation mediated by the bZIP factor SPA on the endosperm box is modulated by ESBF-1 in vitro. <b>1999</b> , 19, 173-181	32
1352	Technical advance: spatio-temporal analysis of mitotic activity with a labile cyclin-GUS fusion protein. <b>1999</b> , 20, 503-8	545
1351	Plant interstitial telomere motifs participate in the control of gene expression in root meristems. <b>1999</b> , 20, 553-61	77
1350	beta-D-glucuronidase gene from Escherichia coli is a functional reporter in the methylotrophic yeast Pichia pastoris. <b>1999</b> , 29, 278-83	7
1349	Characterization of a sugar-binding protein from Azospirillum brasilense mediating chemotaxis to and uptake of sugars. <b>1999</b> , 32, 703-14	41
1348	In budding yeast, reactive oxygen species induce both RAS-dependent and RAS-independent cell cycle-specific arrest. <b>1999</b> , 32, 753-64	22
1347	Expression of Bifunctional Caffeoyl-CoA 3-O-Methyltransferase in Stress Compensation and Lignification. <b>1999</b> , 1, 299-310	7
1346	Resistance to rice yellow mottle virus (RYMV) in cultivated African rice varieties containing RYMV transgenes. <b>1999</b> , 17, 702-7	66
1345	Colonization of sugarcane by Acetobacter diazotrophicus is inhibited by high N-fertilization. <b>1999</b> , 29, 117-128	18



1344	Identification of a novel circular single-stranded DNA associated with cotton leaf curl disease in Pakistan. <b>1999</b> , 259, 190-9	191
1343	Evidence for two nonoverlapping functional domains in the potato virus X 25K movement protein. <b>1999</b> , 260, 55-63	62
1342	The Possibility of Micropropagation and Agrobacterium-mediated Transformation of <i>Kalmia Latifolia</i> . <b>1999</b> , 42, 441-444	3
1341	Genetic transformation of potato with nptII-gus marker genes enhances foliage consumption by Colorado potato beetle larvae. <b>1999</b> , 5, 441-451	9
1340	Efficient transformation and regeneration of diverse cultivars of peanut ( <i>Arachis hypogaea</i> L.) by particle bombardment into embryogenic callus produced from mature seeds. <b>1999</b> , 5, 43-51	28
1339	Stable genetic transformation of white pine ( <i>Pinus strobus</i> L.) after cocultivation of embryogenic tissues with <i>Agrobacterium tumefaciens</i> . <b>1999</b> , 5, 429-440	68
1338	A promoter from sugarcane bacilliform badnavirus drives transgene expression in banana and other monocot and dicot plants. <b>1999</b> , 39, 1221-30	48
1337	High-efficiency <i>Agrobacterium</i> -mediated transformation of Norway spruce ( <i>Picea abies</i> ) and loblolly pine ( <i>Pinus taeda</i> ). <b>1999</b> , 39, 407-16	95
1336	The <i>Arabidopsis thaliana</i> dhds gene encoding dihydrodipicolinate synthase, key enzyme of lysine biosynthesis, is expressed in a cell-specific manner. <b>1999</b> , 39, 695-708	45
1335	Elicitor-responsive promoter regions in the tryptophan decarboxylase gene from <i>Catharanthus roseus</i> . <b>1999</b> , 39, 129-36	36
1334	The soybean ENOD40(2) promoter is active in <i>Arabidopsis thaliana</i> and is temporally and spatially regulated. <b>1999</b> , 39, 177-81	6
1333	Developmentally regulated patterns of expression directed by poplar PAL promoters in transgenic tobacco and poplar. <b>1999</b> , 39, 657-69	39
1332	Characterization of a pine multigene family containing elicitor-responsive stilbene synthase genes. <b>1999</b> , 39, 221-9	54
1331	Characterization of the regulatory elements of the maize P-rr gene by transient expression assays. <b>1999</b> , 39, 11-9	30
1330	Cloning of a wheat puroindoline gene promoter by IPCR and analysis of promoter regions required for tissue-specific expression in transgenic rice seeds. <b>1999</b> , 39, 1101-12	52
1329	Identification of Resistance to Barley Leaf Stripe Using a <i>Pyrenophora graminea</i> Transformant Expressing $\beta$ -glucuronidase. <b>1999</b> , 105, 831-834	1
1328	Expression of the <i>Talaromyces flavus</i> glucose oxidase gene in cotton and tobacco reduces fungal infection, but is also phytotoxic. <b>1999</b> , 5, 219-232	40
1327	Parameters influencing the regeneration capacity of calluses derived from mature indica and japonica rice seeds after microprojectile bombardment. <b>1999</b> , 107, 115-122	7

1326	Identification of cis-regulatory elements required for endosperm expression of the rice storage protein glutelin gene GluB-1. <b>1999</b> , 40, 1-12	108
1325	Delivery of plasmid DNA into intact plant cells by electroporation of plasmolyzed cells. <b>1999</b> , 18, 381-386	19
1324	Transgenic almond ( <i>Prunus dulcis</i> Mill.) plants obtained by <i>Agrobacterium</i> -mediated transformation of leaf explants. <b>1999</b> , 18, 387-393	71
1323	Microprojectile-mediated transient and integrative transformation of rice embryogenic suspension cells: effects of osmotic cell conditioning and of the physical configuration of plasmid DNA. <b>1999</b> , 18, 500-504	21
1322	Dithiothreitol increases b-glucuronidase accumulation in transformed tobacco ( <i>Nicotiana tabacum</i> ) protoplasts without altering their viability or the synthesis and export of cellular proteins. <b>1999</b> , 18, 505-508	3
1321	Transgenic plants expressing the TGB1 protein of peanut clump virus complement movement of TGB1-defective peanut clump virus but not of TGB1-defective beet necrotic yellow vein virus. <b>1999</b> , 18, 614-619	16
1320	Green-fluorescent protein facilitates rapid in vivo detection of genetically transformed plant cells. <b>1999</b> , 18, 707-714	92
1319	Assessment of expression and inheritance patterns of three transgenes with the aid of techniques for promoting rapid flowering of transgenic apple trees. <b>1999</b> , 18, 727-732	14
1318	Ubiquitous and tissue-specific gus expression in transgenic roots conferred by six different promoters in one coniferous and three angiosperm species. <b>1999</b> , 18, 820-828	15
1317	Effective selection system for generating marker-free transgenic plants independent of sexual crossing. <b>1999</b> , 18, 941-947	88
1316	<i>Agrobacterium tumefaciens</i> -mediated transformation of <i>Pinus pinea</i> L. cotyledons: an assessment of factors influencing the efficiency of uidA gene transfer. <b>1999</b> , 19, 51-58	61
1315	Transcription of a maize cDNA in <i>Lotus corniculatus</i> is regulated by T-DNA methylation and transgene copy number. <b>1999</b> , 98, 257-264	11
1314	Green fluorescent protein as a screenable marker to increase the efficiency of generating transgenic woody fruit plants. <b>1999</b> , 99, 350-358	103
1313	Single-stranded DNA in the genetic transformation of wheat ( <i>Triticum aestivum</i> L.): transformation frequency and integration pattern. <b>1999</b> , 99, 487-95	24
1312	Expression and regulation of theRSI-1 gene during lateral root initiation. <b>1999</b> , 42, 259-265	4
1311	Expression of <i>Arabidopsis</i> tryptophan biosynthetic pathway genes: effect of the 5' coding region of phosphoribosylanthranilate isomerase gene. <b>1999</b> , 42, 274-80	
1310	Promoter region of <i>Ory s 1</i> , the major rice pollen allergen gene. <b>1999</b> , 12, 125-126	13
1309	Regulation of tomato HMG1 during cell proliferation and growth. <b>1999</b> , 208, 310-318	33

1308	Identification and localization of transformed cells in agrobacterium tumefaciens-induced plant tumors. <b>1999</b> , 209, 399-405	24
1307	Nuclear factors GT-1 and 3AF1 interact with multiple sequences within the promoter of the Tdc gene from Madagascar periwinkle: GT-1 is involved in UV light-induced expression. <b>1999</b> , 261, 610-22	37
1306	Radiation-sensitive Arabidopsis mutants are proficient for T-DNA transformation. <b>1999</b> , 261, 623-6	8
1305	A G-box element from the Catharanthus roseus strictosidine synthase (Str) gene promoter confers seed-specific expression in transgenic tobacco plants. <b>1999</b> , 261, 635-43	28
1304	Developmental regulation of a cytosolic ascorbate peroxidase gene from tomato plants. <b>1999</b> , 262, 212-9	40
1303	Induction of somatic embryogenesis and genetic transformation of ohio buckeye (Aesculus glabra willd.). <b>1999</b> , 35, 57-60	14
1302	A protocol for efficient transformation and regeneration of Carica papaya L.. <b>1999</b> , 35, 61-69	36
1301	Transformation of soybean [Glycine max (L.) Merrill] using proliferative embryogenic tissue maintained on semi-solid medium. <b>1999</b> , 35, 451-455	41
1300	Genetic transformation of Linum by particle bombardment. <b>1999</b> , 35, 456-465	23
1299	Transformation of five grape rootstocks with plant virus genes and a virE2 gene from Agrobacterium tumefaciens. <b>1999</b> , 35, 226-231	26
1298	Identification of the gene structure and promoter region of H <sup>+</sup> -translocating inorganic pyrophosphatase in rice (Oryza sativa L. ). <b>1999</b> , 1444, 117-24	8
1297	Digestive proteolytic activity in larvae of tomato moth, Lacanobia oleracea; effects of plant protease inhibitors in vitro and in vivo. <b>1999</b> , 45, 545-558	125
1296	Activation of systemic acquired silencing by localised introduction of DNA. <b>1999</b> , 9, 59-66	88
1295	GUS transformation of the maize fungal endophyte Fusarium moniliforme. <b>1999</b> , 103, 129-136	29
1294	Co-transformation of the sclerotial mycoparasite Coniothyrium minitans with hygromycin B resistance and βglucuronidase markers. <b>1999</b> , 103, 929-937	18
1293	Gene Transfer by Electroporation into Intact Tobacco Petiole Tissue. <b>1999</b> , 18, 1-6	2
1292	Improved efficiency of uidA gene transfer in stone pine (Pinus pinea) cotyledons using a modified binary vector. <b>1999</b> , 29, 1627-1632	17
1291	An efficient Biolistic <sup>®</sup> transformation protocol for Picea abies embryogenic tissue and regeneration of transgenic plants. <b>1999</b> , 29, 1539-1546	43

1290	A rapid and easy method of detecting levels of gene expression in intact tobacco plants using an Agrobacterium-mediated transient assay: Toward development of nutritional diagnosis based on gene expression. <b>1999</b> , 45, 767-774	1
1289	Leucine aminopeptidase RNAs, proteins, and activities increase in response to water deficit, salinity, and the wound signals systemin, methyl jasmonate, and abscisic acid. <b>1999</b> , 120, 979-92	168
1288	Bi-functional gfp- and gusA-containing mini-Tn5 transposon derivatives for combined gene expression and bacterial localization studies. <b>1999</b> , 35, 85-92	91
1287	Development of biopharmaceuticals in plant expression systems: cloning, expression and immunological reactivity of human cytomegalovirus glycoprotein B (UL55) in seeds of transgenic tobacco. <b>1999</b> , 17, 3020-9	65
1286	T7 RNA polymerase drives transcription of a reporter gene from T7 promoter, but engenders post-transcriptional silencing of expression. <b>1999</b> , 141, 59-65	5
1285	Wound-regulation and tissue specificity of the tomato prosystemin promoter in transgenic tobacco plants. <b>1999</b> , 140, 155-159	7
1284	Development of an efficient transformation system for <i>Catharanthus roseus</i> cell cultures using particle bombardment. <b>1999</b> , 140, 179-188	21
1283	Analysis of promoter activity of cotton lipid transfer protein gene LTP6 in transgenic tobacco plants. <b>1999</b> , 143, 63-70	39
1282	Disturbed correlation between fungal biomass and $\beta$ -glucuronidase activity in infections of <i>Arabidopsis thaliana</i> with transgenic <i>Alternaria brassicicola</i> . <b>1999</b> , 148, 31-36	13
1281	Transgene Expression in the Moss <i>Ceratodon purpureus</i> . <b>1999</b> , 154, 641-650	25
1280	Internal initiation of translation directed by the 5'-untranslated region of the tobamovirus subgenomic RNA I(2). <b>1999</b> , 263, 139-54	44
1279	Flow cytometry and surface plasmon resonance analyses demonstrate that the monoclonal antibody JIM19 interacts with a rice cell surface component involved in abscisic acid signalling in protoplasts. <b>1999</b> , 456, 257-62	19
1278	An RNA helicase (AtSUV3) is present in <i>Arabidopsis thaliana</i> mitochondria. <b>1999</b> , 458, 337-42	26
1277	Agrobacterium-mediated transformation of indica rice cultivars using binary and superbinary vectors. <b>1999</b> , 26, 311	40
1276	Competition between <i>Rhizobium</i> strain NGR234 and <i>Bradyrhizobium</i> strain CP283 for nodulation in <i>Siratro</i> investigated with the GUS reporter gene. <b>1999</b> , 45, 825-834	4
1275	Agrobacterium-mediated Transformation of Sunflower ( <i>Helianthus annuus</i> L.): A Simple Protocol. <b>1999</b> , 83, 347-354	43
1274	The alfalfa ( <i>Medicago sativa</i> ) TDY1 gene encodes a mitogen-activated protein kinase homolog. <b>1999</b> , 12, 882-93	35
1273	Aspartate Aminotransferase in Alfalfa Nodules: Localization of mRNA During Effective and Ineffective Nodule Development and Promoter Analysis. <b>1999</b> , 12, 263-274	15

1272	T-DNA Tagging of Nodulation- and Root-Related Genes in <i>Lotus japonicus</i> : Expression Patterns and Potential for Promoter Trapping and Insertional Mutagenesis. <b>1999</b> , 12, 275-284	53
1271	Regulatory Signals Influencing Expression of the PDA1 Gene of <i>Nectria haematococca</i> MPVI in Culture and During Pathogenesis of Pea. <b>1999</b> , 12, 733-742	17
1270	Use of GUS Transformants of <i>Fusarium subglutinans</i> for Determining Etiology of Mango Malformation Disease. <b>1999</b> , 89, 456-61	61
1269	Continual green fluorescent protein monitoring of promoter activity in plants. <b>1999</b> , 302, 316-28	1
1268	Manipulation of in vivo sorbitol production alters boron uptake and transport in tobacco. <b>1999</b> , 119, 735-42	66
1267	Effects of green fluorescent protein or beta-glucuronidase tagging on the accumulation and pathogenicity of a resistance-breaking Lettuce mosaic virus isolate in susceptible and resistant lettuce cultivars. <b>2000</b> , 13, 316-24	59
1266	Resistance of tomato and pepper to T3 strains of <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> is specified by a plant-inducible avirulence gene. <b>2000</b> , 13, 911-21	86
1265	Progress in <i>Agrobacterium</i> -mediated Maize Transformation at the Plant Transformation Facility of Iowa State University. <b>2000</b> , 5, 82-87	
1264	Regulation of tomato leaf curl viral gene expression in host tissues. <b>2000</b> , 13, 529-37	40
1263	Expression of a pathogen-induced gene can be mimicked by auxin insensitivity. <b>2000</b> , 13, 23-31	37
1262	Spo0A directly controls the switch from acid to solvent production in solvent-forming clostridia. <b>2000</b> , 37, 1172-85	120
1261	Gene regulation during late embryogenesis: the RY motif of maturation-specific gene promoters is a direct target of the FUS3 gene product. <b>2000</b> , 21, 401-8	178
1260	Matrix polysaccharide precursors in <i>Arabidopsis</i> cell walls are synthesized by alternate pathways with organ-specific expression patterns. <b>2000</b> , 21, 537-46	71
1259	Premature termination codons destabilize ferredoxin-1 mRNA when ferredoxin-1 is translated. <b>2000</b> , 21, 563-9	33
1258	A transformation vector for the production of marker-free transgenic plants containing a single copy transgene at high frequency. <b>2000</b> , 22, 461-9	123
1257	<i>Arabidopsis</i> seed coat development: morphological differentiation of the outer integument. <b>2000</b> , 22, 483-93	174
1256	Intron-tagged epitope: a tool for facile detection and purification of proteins expressed in <i>Agrobacterium</i> -transformed plant cells. <b>2000</b> , 22, 553-60	71
1255	FLP-mediated recombination for use in hybrid plant production. <b>2000</b> , 23, 423-30	61

1254	Technical advance: the DNA-binding activity of gal4 is inhibited by methylation of the gal4 binding site in plant chromatin. <b>2000</b> , 23, 143-57	33
1253	Early selection for extreme resistance to potato virus Y and tobacco etch virus in potato using a Eglucuronidase-tagged virus. <b>2000</b> , 119, 319-323	1
1252	Gibbestatin B inhibits the GA-induced expression of alpha-amylase expression in cereal seeds. <b>2000</b> , 55, 1-9	2
1251	Screening for Arabidopsis mutants affected in the Nii gene expression using the Gus reporter gene. <b>2000</b> , 108, 161-170	9
1250	Genetic transformation of Ginkgo biloba by Agrobacterium tumefaciens. <b>2000</b> , 108, 413-419	19
1249	Functional characterization of seed coat-specific members of the barley germin gene family. <b>2000</b> , 38, 685-698	23
1248	Removal of antibiotic resistance genes from transgenic tobacco plastids. <b>2000</b> , 18, 1172-6	197
1247	The HIC signalling pathway links CO <sub>2</sub> perception to stomatal development. <b>2000</b> , 408, 713-6	297
1246	Characterization of an Azospirillum brasilense Tn5 mutant with enhanced N(2) fixation: the effect of ORF280 on nifH expression. <b>2000</b> , 183, 23-9	14
1245	Factors involved in Agrobacterium tumefaciens-mediated gene transfer into Pinus nigra Arn. ssp. salzmannii (Dunal) Franco. <b>2000</b> , 114, 195-203	5
1244	Rapid transformation and regeneration of alfalfa (Medicago falcata L.) via direct somatic embryogenesis. <b>2000</b> , 31, 155-166	9
1243	Direct transformation and plant regeneration of the haploid liverwort Marchantia polymorpha L. <b>2000</b> , 9, 179-85	50
1242	Expression of murine adenosine deaminase (ADA) in transgenic maize. <b>2000</b> , 9, 1-9	8
1241	Transformation of barley by microinjection into isolated zygote protoplasts. <b>2000</b> , 9, 21-32	38
1240	Transgenic barley expressing a fungal xylanase gene in the endosperm of the developing grains. <b>2000</b> , 6, 113-124	94
1239	Complementation of the movement-deficient mutations in potato virus X: potyvirus coat protein mediates cell-to-cell trafficking of C-terminal truncation but not deletion mutant of potyvirus coat protein. <b>2000</b> , 270, 31-42	32
1238	Green fluorescent protein as a visual marker for wheat transformation. <b>2000</b> , 19, 1069-1075	71
1237	Efficient production of transgenic cassava using negative and positive selection. <b>2000</b> , 9, 405-15	72

1236	Electroporation of intact embryonic leaflets of peanut: Gene transfer and stimulation of regeneration capacity. <b>2000</b> , 36, 374-378	7
1235	Agrobacterium tumefaciens- mediated transformation of soybean [Glycine max (L.) Merrill.] using immature zygotic cotyledon explants. <b>2000</b> , 19, 1090-1097	64
1234	PIG-mediated cassava transformation using positive and negative selection. <b>2000</b> , 19, 1041-1048	57
1233	Agrobacterium-mediated transformation of the commercially important grapefruit cultivar Rio Red (Citrus paradisi Macf.). <b>2000</b> , 19, 1203-1211	67
1232	The introduction of an inverted repeat to the 5' untranslated leader sequence of a transgene strongly inhibits gene expression. <b>2000</b> , 19, 1098-1101	10
1231	Genetic transformation of Cavendish banana (Musa spp. AAA group) cv 'Grand Nain' via microprojectile bombardment. <b>2000</b> , 19, 229-234	115
1230	Vacuum infiltration of Petunia hybrida pollen with Agrobacterium tumefaciens to achieve plant transformation. <b>2000</b> , 19, 792-797	37
1229	The CaMV-35S promoter is sensitive to shortened photoperiod in transgenic tobacco. <b>2000</b> , 19, 279-282	39
1228	Histochemical investigation of $\beta$ glucuronidase in culture cells and regenerated plants of Scutellaria baicalensis Georgi. <b>2000</b> , 19, 390-394	2
1227	High-frequency stable transformation of cotton (Gossypium hirsutum L.) by particle bombardment of embryogenic cell suspension cultures. <b>2000</b> , 19, 539-545	58
1226	Agrobacterium-mediated transformation of cotyledonary explants of Chinese cabbage (Brassica campestris L. ssp. pekinensis). <b>2000</b> , 19, 569-575	48
1225	A mannose selection system for production of fertile transgenic maize plants from protoplasts. <b>2000</b> , 19, 654-660	79
1224	A broad exploration of a transgenic population of citrus: stability of gene expression and phenotype. <b>2000</b> , 100, 670-677	58
1223	Expression of active barley seed ribosome-inactivating protein in transgenic wheat. <b>2000</b> , 100, 755-763	52
1222	Transgenic rice as a system to study the stability of transgene expression: multiple heterologous transgenes show similar behaviour in diverse genetic backgrounds. <b>2000</b> , 101, 388-399	41
1221	Accumulation of maize $\beta$ zein and $\beta$ zein: KDEL to high levels in tobacco leaves and differential increase of BiP synthesis in transformants. <b>2000</b> , 101, 796-804	19
1220	Transgene expression driven by heterologous ribulose-1, 5-bisphosphate carboxylase/oxygenase small-subunit gene promoters in the vegetative tissues of apple (Malus pumila mill.). <b>2000</b> , 210, 232-40	40
1219	TREGED: A new strategy for inducing deletions in plant genomes. <i>Plant Molecular Biology Reporter</i> , <b>2000</b> , 18, 255-263	1.7 7

1218	Integrated bombardment and <i>Agrobacterium</i> transformation system: An alternative method for soybean transformation. <i>Plant Molecular Biology Reporter</i> , <b>2000</b> , 18, 51-59	1.7	24
1217	Expression of the chemically inducible maize GST-27 promoter in potato. <b>2000</b> , 43, 335-345		2
1216	Isolation of a (+)- delta-cadinene synthase gene CAD1-A and analysis of its expression pattern in seedlings of <i>Gossypium arboreum</i> L. <b>2000</b> , 43, 245-53		3
1215	Coat protein promoter from cotton leaf curl virus is not a tissue-specifically expressed promoter. <b>2000</b> , 45, 1869-1874		1
1214	Effect of UTRs from TMV-RNA on the expression of foreign gene in transgenic plants. <b>2000</b> , 45, 1681-1685		
1213	The genes ABI1 and ABI2 are involved in abscisic acid- and drought-inducible expression of the <i>Daucus carota</i> L. Dc3 promoter in guard cells of transgenic <i>Arabidopsis thaliana</i> (L.) Heynh. <b>2000</b> , 210, 875-83		48
1212	Lupine leghemoglobin I: expression in transgenic Lotus and tobacco tissues. <b>2000</b> , 263, 173-82		9
1211	Isolation of an ent-kaurene oxidase cDNA from <i>Cucurbita maxima</i> . <b>2000</b> , 27, 1141		3
1210	Expressõ dos genes nod de <i>Rhizobium tropici</i> , <i>R. etli</i> e <i>R. leguminosarum</i> bv. <i>phaseoli</i> e estabelecimento da nodulaõ do feijoeiro na presenã de exsudatos de sementes de <i>Mimosa flocculosa</i> e <i>Leucaena leucocephala</i> . <b>2000</b> , 24, 301-310		1
1209	The alternative sigma factor RpoN is required for hrp activity in <i>Pseudomonas syringae</i> pv. <i>maculicola</i> and acts at the level of hrpL transcription. <b>2000</b> , 182, 3508-16		74
1208	AN AGROBACTERIUM-MEDIATED TRANSFORMATION SYSTEM FOR THE TOMATO CULTIVAR KECSKEMTI 262. <b>2000</b> , 48, 221-226		
1207	Transformaõ genõtica da batata cultivar Achat via <i>Agrobacterium tumefaciens</i> . <b>2000</b> , 18, 41-45		1
1206	Controlled induction of GUS marked clonal sectors in <i>Arabidopsis</i> . <b>2000</b> , 51, 853-863		1
1205	The product of the rice myb7 unspliced mRNA dimerizes with the maize leucine zipper Opaque2 and stimulates its activity in a transient expression assay. <b>2000</b> , 275, 17619-25		15
1204	Tissue-preferential expression of a rice alpha-tubulin gene, OsTubA1, mediated by the first intron. <b>2000</b> , 123, 1005-14		112
1203	Identification of phloem involved in assimilate loading in leaves by the activity of the galactinol synthase promoter. <b>2000</b> , 123, 929-37		92
1202	Multiple mode regulation of a cysteine proteinase gene expression in rice. <b>2000</b> , 122, 57-66		48
1201	Elucidation of <i>Septoria tritici</i> x Wheat Interactions Using GUS-Expressing Isolates. <b>2000</b> , 90, 297-304		13



1200	Differential expression of the Arabidopsis genes coding for Em-like proteins1. <b>2000</b> , 51, 1211-1220	48
1199	Sugarcane ( <i>Saccharum hybrid</i> ) Genetic Transformation Mediated by <i>Agrobacterium tumefaciens</i> : Production of Transgenic Plants Expressing Proteins with Agronomic and Industrial Value. <b>2000</b> , 5, 76-81	10
1198	Profilin plays a role in cell elongation, cell shape maintenance, and flowering in Arabidopsis. <b>2000</b> , 124, 1637-47	172
1197	Local and systemic induction of two defense-related subtilisin-like protease promoters in transgenic Arabidopsis plants. Luciferin induction of PR gene expression. <b>2000</b> , 124, 1049-58	54
1196	Jasmonate induction of putrescine N-methyltransferase genes in the root of <i>Nicotiana sylvestris</i> . <b>2000</b> , 41, 831-9	157
1195	Villin-like actin-binding proteins are expressed ubiquitously in Arabidopsis. <b>2000</b> , 122, 35-48	104
1194	Controlled induction of GUS marked clonal sectors in Arabidopsis. <b>2000</b> , 51, 853-863	22
1193	Analysis of the expression of CLA1, a gene that encodes the 1-deoxyxylulose 5-phosphate synthase of the 2-C-methyl-D-erythritol-4-phosphate pathway in Arabidopsis. <b>2000</b> , 124, 95-104	214
1192	Particle bombardment mediated transformation. <b>1999</b> , 240, 59-80	15
1191	Promoter trapping of a novel medium-chain acyl-CoA oxidase, which is induced transcriptionally during Arabidopsis seed germination. <b>2000</b> , 275, 34375-81	68
1190	Extracellular H <sub>2</sub> O <sub>2</sub> induced by oligogalacturonides is not involved in the inhibition of the auxin-regulated rolB gene expression in tobacco leaf explants. <b>2000</b> , 122, 1379-85	204
1189	Using GUS expression in a nonpathogenic <i>Fusarium oxysporum</i> strain to measure fungal biomass. <b>2000</b> , 22, 70-78	15
1188	Salicylic acid induces the expression of a number of receptor-like kinase genes in Arabidopsis thaliana. <b>2000</b> , 41, 1038-44	73
1187	xylP promoter-based expression system and its use for antisense downregulation of the <i>Penicillium chrysogenum</i> nitrogen regulator NRE. <b>2000</b> , 66, 4810-6	86
1186	Characterization of P69E and P69F, two differentially regulated genes encoding new members of the subtilisin-like proteinase family from tomato plants. <b>2000</b> , 122, 67-74	50
1185	Expression and localization of nitrilase during symptom development of the clubroot disease in Arabidopsis. <b>2000</b> , 122, 369-78	88
1184	Modular domain structure of Arabidopsis COP1. Reconstitution of activity by fragment complementation and mutational analysis of a nuclear localization signal in planta. <b>2000</b> , 124, 979-90	40
1183	Activation of PR-1a Promoter by Rhizobacteria That Induce Systemic Resistance in Tobacco against <i>Pseudomonas syringae</i> pv. <i>tabaci</i> . <b>2000</b> , 18, 2-9	111

1182	Embryo Transformation, A Practical Approach for Realizing Transgenic Plants of Safflower ( <i>Carthamus tinctorius</i> L.). <b>2000</b> , 86, 1043-1049	36
1181	GFLV replication in electroporated grapevine protoplasts. <b>2000</b> , 155, 203-212	13
1180	An efficient method for the production of transgenic plants of peanut ( <i>Arachis hypogaea</i> L.) through <i>Agrobacterium tumefaciens</i> -mediated genetic transformation. <b>2000</b> , 159, 7-19	122
1179	Efficient whole plant regeneration of common bean ( <i>Phaseolus vulgaris</i> L.) using thin-cell-layer culture and silver nitrate. <b>2000</b> , 159, 223-232	54
1178	Transformation of peanut ( <i>Arachis hypogaea</i> L.): a non-tissue culture based approach for generating transgenic plants. <b>2000</b> , 150, 41-49	89
1177	The maize streak virus coat protein transcription unit exhibits tissue-specific expression in transgenic rice. <b>2000</b> , 155, 21-29	24
1176	The ability of pea transformation technology to transfer genes into peas adapted to western Canadian growing conditions. <b>2000</b> , 153, 161-170	46
1175	Seed-Specific Expression of a Rice Prolamin RP3/GUS Chimeric Gene in <i>Nicotiana glauca</i> cv. Wisconsin 38. <b>2000</b> , 156, 100-105	1
1174	<i>Arabidopsis thaliana</i> endo-1,4- $\beta$ -glucanase (cell) Promoter Mediates uidA Expression in Elongating Tissues of Aspen ( <i>Populus tremula</i> ). <b>2000</b> , 156, 118-120	18
1173	Transient $\beta$ gluc and gfp Gene Expression and Viability Analysis of Microprojectile Bombarded Microspores of <i>Brassica napus</i> L.. <b>2000</b> , 156, 175-183	33
1172	Cloning and promoter analysis of the cotton lipid transfer protein gene Ltp311The nucleotide sequence data reported will appear in the GenBank Nucleotide Sequence Databases under the accession number AF228333.. <b>2000</b> , 1487, 106-111	47
1171	In synergy with various cis-acting elements, plant interstitial telomere motifs regulate gene expression in <i>Arabidopsis</i> root meristems. <b>2000</b> , 483, 43-6	37
1170	Biolistic-mediated DNA Delivery into Hypocotyls of a Leguminous Tree [ <i>Albizia lebeck</i> L: Influence of Biological and Physical Parameters. <b>2000</b> , 9, 31-33	3
1169	High Frequency Regeneration of <i>Brassica napus</i> Varieties and Genetic Transformation of Stocks Containing Fertility Restorer Genes for Two Cytoplasmic Male Sterility Systems. <b>2000</b> , 9, 73-79	14
1168	<i>Agrobacterium</i> cells as microprojectile coating: a novel approach to enhance stable transformation rates in strawberry. <b>2000</b> , 27, 1093	8
1167	Transient uidA gene expression in electroporated cotyledonary protoplasts of <i>Pinus nigra</i> ssp. <i>salzmannii</i> and in bombarded cotyledons. <b>2000</b> , 30, 448-455	5
1166	A matrix attachment region is located upstream from the high-molecular-weight glutenin gene Bx7 in wheat ( <i>Triticum aestivum</i> L.). <b>2000</b> , 43, 483-6	8
1165	Five geranylgeranyl diphosphate synthases expressed in different organs are localized into three subcellular compartments in <i>Arabidopsis</i> . <b>2000</b> , 122, 1045-56	192

1164	Induction of Ltp (lipid transfer protein) and Pal (phenylalanine ammonia-lyase) gene expression in rice roots colonized by the arbuscular mycorrhizal fungus <i>Glomus mosseae</i> . <b>2000</b> , 51, 1969-77	125
1163	Competence of <i>Arabidopsis thaliana</i> genotypes and mutants for <i>Agrobacterium tumefaciens</i> -mediated gene transfer: role of phytohormones. <b>2000</b> , 51, 1961-8	56
1162	Genetic Transformation of Lentil1 ( <i>Lens culinaris</i> ). <b>2000</b> , 325-337	
1161	Agroinfiltration is a versatile tool that facilitates comparative analyses of Avr9/Cf-9-induced and Avr4/Cf-4-induced necrosis. <b>2000</b> , 13, 439-46	259
1160	De novo cortical cell division triggered by the phytopathogen <i>Rhodococcus fascians</i> in tobacco. <b>2001</b> , 14, 189-95	45
1159	Systemic expression of defense response genes in wheat spikes as a response to <i>Fusarium graminearum</i> infection. <b>2001</b> , 58, 1-12	83
1158	Additional copies of virG from pTiBo542 provide a super-transformation ability to <i>Agrobacterium tumefaciens</i> in citrus. <b>2001</b> , 58, 103-110	26
1157	Expression and purification of <i>Escherichia coli</i> beta-glucuronidase. <b>2001</b> , 22, 75-81	7
1156	Structure and expression of the <i>Arabidopsis thaliana</i> homeobox gene Athb-12. <b>2001</b> , 284, 133-41	51
1155	<i>Agrobacterium tumefaciens</i> [mediated Transformation of Rice Using Coleoptile and Mature Seed-derived Callus. <b>2001</b> , 10, 121-126	11
1154	Transformation parameters enhancing T-DNA expression in kenaf ( <i>Hibiscus cannabinus</i> ). <b>2001</b> , 158, 255-260	22
1153	Transformation of Japanese persimmon ( <i>Diospyros kaki</i> Thunb.) with apple cDNA encoding NADP-dependent sorbitol-6-phosphate dehydrogenase. <b>2001</b> , 160, 837-845	84
1152	<i>Agrobacterium tumefaciens</i> -mediated genetic transformation of mungbean ( <i>Vigna radiata</i> L. Wilczek) - a recalcitrant grain legume. <b>2001</b> , 161, 239-247	64
1151	Production of transgenic plants of the Liliaceous ornamental plant <i>Agapanthus praecox</i> ssp. <i>orientalis</i> (Leighton) Leighton via <i>Agrobacterium</i> -mediated transformation of embryogenic calli. <b>2001</b> , 161, 89-97	56
1150	Somatic embryo formation in <i>Arabidopsis</i> and eggplant is associated with expression of a glycine-rich protein gene (Atgrp-5). <b>2001</b> , 161, 559-567	25
1149	<i>Agrobacterium</i> -mediated transgene delivery and integration into barley under a range of in vitro culture conditions. <b>2001</b> , 161, 871-880	64
1148	An <i>Arabidopsis</i> mutant <i>cex1</i> exhibits constant accumulation of jasmonate-regulated AtVSP, Thi2.1 and PDF1.2. <b>2001</b> , 494, 161-4	47
1147	Transformation and gene expression. <b>2001</b> , 34, 59-126	17

1146	The Role of NDR1 in Avirulence Gene-Directed Signaling and Control of Programmed Cell Death in Arabidopsis. <b>2001</b> , 127, 1089-1101	122
1145	Resistance to aflatoxin accumulation in kernels of maize inbreds selected for ear rot resistance in West and Central Africa. <b>2001</b> , 64, 396-400	44
1144	Dual Luciferase Assay for Monitoring Transient Gene Expression in Higher Plants.. <b>2001</b> , 18, 71-75	42
1143	Analysis of a symbiosis-specific cytochrome P450 homolog in Rhizobium sp. BR816. <b>2001</b> , 14, 918-24	4
1142	Differential Colonization of Tomato Roots by Nonpathogenic and Pathogenic Fusarium oxysporum Strains May Influence Fusarium Wilt Control. <b>2001</b> , 91, 449-56	43
1141	Homogeneous Assays for High-Throughput and Ultrahigh-Throughput Screening. <b>2001</b> ,	
1140	Characterization of aFLORICAULA/LEAFYHomologue ofGnetum parvifoliumand Its Implications for the Evolution of Reproductive Organs in Seed Plants. <b>2001</b> , 162, 1199-1209	36
1139	Screening Platforms. <b>2001</b> ,	
1138	Identification of a monofunctional aspartate kinase gene of Arabidopsis thaliana with spatially and temporally regulated expression. <b>2001</b> , 76, 189-98	19
1137	Resistance to Bean pod mottle virus in Transgenic Soybean Lines Expressing the Capsid Polyprotein. <b>2001</b> , 91, 831-8	55
1136	Expression of a Chimeric Soybean Seed Lipoxygenase-3 Promoter. <b>2001</b> , 3, 1-11	
1135	Growth inhibition of a Fusarium verticillioides GUS strain in corn kernels of aflatoxin-resistant genotypes. <b>2001</b> , 57, 708-11	11
1134	High-efficiency gene transfer to recalcitrant plants by Agrobacterium tumefaciens. <b>2001</b> , 20, 150-156	34
1133	The isopentenyl transferase gene is effective as a selectable marker gene for plant transformation in tobacco (Nicotiana tabacum cv. Petite Havana SRI). <b>2001</b> , 20, 60-66	51
1132	Fertile transgenic plants obtained from tritordeum inflorescences by tissue electroporation. <b>2001</b> , 20, 67-72	16
1131	Visual screening of microspore-derived transgenic barley (Hordeum vulgare L.) with green-fluorescent protein. <b>2001</b> , 20, 331-337	52
1130	Cellular localization of tyrosine decarboxylase expression in transgenic opium poppy and tobacco. <b>2001</b> , 20, 313-317	8
1129	Aleurone- and embryo-specific expression of the $\beta$ glucuronidase gene controlled by the barley Chi26 and Ltp1 promoters in transgenic rice. <b>2001</b> , 20, 647-654	27

1128	Analysis of the promoter activity of late embryogenesis abundant protein genes in barley seedlings under conditions of water deficit. <b>2001</b> , 20, 667-673	36
1127	A system to induce the deletion of genomic sequences using R/RS site-specific recombination and the Ac transposon in transgenic rice plants. <b>2001</b> , 102, 1136-1141	10
1126	A combination of overgrowth-control antibiotics improves <i>Agrobacterium tumefaciens</i> -mediated transformation efficiency for cultivated tomato ( <i>L. esculentum</i> ). <b>2001</b> , 37, 12-18	27
1125	Genetic transformation of duckweed <i>Lemna gibba</i> and <i>Lemna minor</i> . <b>2001</b> , 37, 349-353	53
1124	Effect of an enhanced CaMV 35S promoter and a fruit-specific promoter on <i>uidA</i> gene expression in transgenic tomato plants. <b>2001</b> , 37, 427-433	28
1123	Genetic and molecular analysis of <i>Arabidopsis thaliana</i> (ecotype <i>Estland</i> ) transformed with <i>Agrobacterium</i> . <b>2001</b> , 37, 629-637	
1122	Increased sulfur amino acids in soybean plants overexpressing the maize 15 kDa zein protein. <b>2001</b> , 37, 742-747	73
1121	Regeneration of transgenic <i>Picea glauca</i> , <i>P. Mariana</i> , and <i>P. abies</i> after cocultivation of embryogenic tissue with <i>Agrobacterium tumefaciens</i> . <b>2001</b> , 37, 748-755	67
1120	Plant selectable markers and reporter genes. <b>2001</b> , 23, 363-374	11
1119	Floral genes expressed in tomato hypocotyl explants in liquid culture. <b>2001</b> , 218, 168-79	4
1118	Differential expression of triplicate phosphoribosylanthranilate isomerase isogenes in the tryptophan biosynthetic pathway of <i>Arabidopsis thaliana</i> (L.) Heynh. <b>2001</b> , 212, 641-7	13
1117	In situ localization of endogenous cytokinins during shooty tumor development on <i>Eucalyptus globulus</i> Labill. <b>2001</b> , 213, 29-36	7
1116	Developmentally regulated expression of a cyclic nucleotide-gated ion channel from <i>Arabidopsis</i> indicates its involvement in programmed cell death. <b>2001</b> , 213, 327-32	60
1115	Glucocorticoid-inducible gene expression in rice. <b>2001</b> , 213, 370-8	98
1114	Expression of intron-containing GUS constructs is reduced due to activation of a cryptic 5' splice site. <b>2001</b> , 265, 455-60	13
1113	Enhancers and core promoter elements are essential for the activity of a cryptic gene activation sequence from tobacco, tCUP. <b>2001</b> , 265, 763-70	38
1112	Isolation of pea matrix attachment region and study on its function in transgenic tobaccos. <b>2001</b> , 44, 400-8	5
1111	Expressing activity of promoter elements of large intergenic region from cotton leaf curl virus in host plant. <b>2001</b> , 44, 8-17	5

1110	Plantlet regeneration of sugarcane varieties and transient GUS expression in calli by electroporation. <b>2001</b> , 3, 27-33	8
1109	High-frequency regeneration and transformation of <i>Raphanus savus</i> . <b>2001</b> , 44, 231-235	2
1108	Influence of DNA methylation on transgene expression. <b>2001</b> , 46, 1300-1303	3
1107	Transformation of Brazilian elite Indica-type rice ( <i>Oryza sativa</i> L.) by electroporation of shoot apex explants. <i>Plant Molecular Biology Reporter</i> , <b>2001</b> , 19, 55-64	1.7 5
1106	Gastrodianin-like mannose-binding proteins: a novel class of plant proteins with antifungal properties. <b>2001</b> , 25, 651-61	50
1105	Identification of a MADS-box gene, FLOWERING LOCUS M, that represses flowering. <b>2001</b> , 26, 229-36	200
1104	Evidence for a role in growth and salt resistance of a plasma membrane H <sup>+</sup> -ATPase in the root endodermis. <b>2001</b> , 27, 191-201	112
1103	Development of a novel gene transfer system for <i>Cajanus cajan</i> and expression of a monocot arginine decarboxylase cDNA in transformed cell lines. <b>2001</b> , 39, 575-582	6
1102	Expression of strictosidine $\beta$ -D-glucosidase cDNA from , involved in the monoterpene indole alkaloid pathway, in a transgenic suspension culture of. <b>2001</b> , 39, 763-769	2
1101	The promoter of a cytosolic glutamine synthetase gene from the conifer <i>Pinus sylvestris</i> is active in cotyledons of germinating seeds and light-regulated in transgenic <i>Arabidopsis thaliana</i> . <b>2001</b> , 112, 388-396	7
1100	Control of the glutathione S-transferase and mas1? promoter-driven GUS activity in auxin heterotrophic and autotrophic tobacco calli by exogenous 2,4-d-induced ethylene. <b>2001</b> , 113, 100-107	5
1099	Quantitative analysis by flow cytometry of abscisic acid-inducible gene expression in transiently transformed rice protoplasts. <b>2001</b> , 45, 170-9	13
1098	Simultaneous, two-color fluorescence detection of total protein profiles and beta-glucuronidase activity in polyacrylamide gel. <b>2001</b> , 22, 970-6	9
1097	Trans-complementation of long-distance movement of White clover mosaic virus triple gene block (TGB) mutants: phloem-associated movement of TGBp1. <b>2001</b> , 288, 18-28	29
1096	Production of embryogenic tissues and regeneration of transgenic plants in cassava ( <i>Manihot esculenta</i> Crantz). <b>2001</b> , 120, 25-34	31
1095	Efficient production of transgenic plants by <i>Agrobacterium</i> -mediated transformation of cassava ( <i>Manihot esculenta</i> Crantz). <b>2001</b> , 120, 35-42	22
1094	Expression and structure of an elongation factor-1 $\beta$ gene (MeEF1) from cassava ( <i>Manihot esculenta</i> Crantz). <b>2001</b> , 120, 49-58	6
1093	Transferring a cassava ( <i>Manihot esculenta</i> Crantz) genetic engineering capability to the African environment: Progress and prospects. <b>2001</b> , 120, 43-48	2

1092	Increased tolerance to <i>Phytophthora citrophthora</i> in transgenic orange plants constitutively expressing a tomato pathogenesis related protein PR-5. <b>2001</b> , 7, 175-185	95
1091	Timing of Transposition of Ac Mobile Element in Potato. <b>2001</b> , 44, 347-353	7
1090	Use of the GFP reporter as a vital marker for <i>Agrobacterium</i> -mediated transformation of sugar beet ( <i>Beta vulgaris</i> L.). <b>2001</b> , 17, 109-17	25
1089	Expression of the Tobacco Ext 1.4 Extensin Gene Upon Mechanical Constraint and Localization of Regulatory Regions. <b>2001</b> , 3, 32-41	8
1088	Homologous recombination in planta is stimulated in the absence of Rad50. <b>2001</b> , 2, 287-91	88
1087	Constitutive expression of <i>Arabidopsis</i> LEAFY or APETALA1 genes in citrus reduces their generation time. <b>2001</b> , 19, 263-7	274
1086	Bidirectionalization of polar promoters in plants. <b>2001</b> , 19, 677-9	61
1085	Transgenic peanut plants obtained by particle bombardment via somatic embryogenesis regeneration system. <b>2001</b> , 11, 156-60	27
1084	The MuDR transposon terminal inverted repeat contains a complex plant promoter directing distinct somatic and germinal programs. <b>2001</b> , 25, 79-91	4
1083	Developmental and stress regulation of RCI2A and RCI2B, two cold-inducible genes of <i>Arabidopsis</i> encoding highly conserved hydrophobic proteins. <b>2001</b> , 125, 1655-66	84
1082	RNAi-mediated oncogene silencing confers resistance to crown gall tumorigenesis. <b>2001</b> , 98, 13437-42	162
1081	In planta regulation of extension of an endophytic fungus and maintenance of high metabolic rates in its mycelium in the absence of apical extension. <b>2001</b> , 67, 5377-83	73
1080	A TERMINAL FLOWER1-like gene from perennial ryegrass involved in floral transition and axillary meristem identity. <b>2001</b> , 125, 1517-28	112
1079	Phytochrome-mediated photoperiod perception, shoot growth, glutamine, calcium, and protein phosphorylation influence the activity of the poplar bark storage protein gene promoter ( <i>bspA</i> ). <b>2001</b> , 126, 342-51	46
1078	A rice functional transcriptional activator, RISBZ1, responsible for endosperm-specific expression of storage protein genes through GCN4 motif. <b>2001</b> , 276, 14139-52	122
1077	Factors influencing <i>Agrobacterium</i> -mediated transient expression of <i>uidA</i> in wheat inflorescence tissue. <b>2001</b> , 52, 1135-42	103
1076	Induction of male sterility in plants by metabolic engineering of the carbohydrate supply. <b>2001</b> , 98, 6522-7	257
1075	<i>Arabidopsis</i> genomes uncoupled 5 ( <i>GUN5</i> ) mutant reveals the involvement of Mg-chelatase H subunit in plastid-to-nucleus signal transduction. <b>2001</b> , 98, 2053-8	533



1074	Novel anther-specific myb genes from tobacco as putative regulators of phenylalanine ammonia-lyase expression. <b>2001</b> , 126, 1738-53	50
1073	Plant gene expression response to <i>Agrobacterium tumefaciens</i> . <b>2001</b> , 98, 10954-9	155
1072	A Condensing Enzyme from the Seeds of <i>Lesquerella fendleri</i> That Specifically Elongates Hydroxy Fatty Acids. <b>2001</b> , 127, 1635-1643	46
1071	Accumulation of plastid lipid-associated proteins (fibrillin/CDSP34) upon oxidative stress, ageing and biotic stress in Solanaceae and in response to drought in other species. <b>2001</b> , 52, 1545-54	84
1070	The <i>Arabidopsis</i> AtEm1 promoter is active in <i>Brassica napus</i> L. and is temporally and spatially regulated. <b>2001</b> , 52, 1587-91	6
1069	Networking senescence-regulating pathways by using <i>Arabidopsis</i> enhancer trap lines. <b>2001</b> , 126, 707-16	197
1068	A Chloroplast Protein Homologous to the Eubacterial Topological Specificity Factor MinE Plays a Role in Chloroplast Division. <b>2001</b> , 127, 1644-1655	114
1067	Pea legumin overexpressed in wheat endosperm assembles into an ordered paracrystalline matrix. <b>2001</b> , 125, 1732-42	62
1066	A nuclear casein kinase 2 activity is involved in early events of transcriptional activation induced by salicylic acid in tobacco. <b>2001</b> , 125, 396-405	49
1065	The <i>Arabidopsis</i> Protein SHI Represses Gibberellin Responses in <i>Arabidopsis</i> and Barley. <b>2001</b> , 127, 937-948	72
1064	The 5' end of the pea ferredoxin-1 mRNA mediates rapid and reversible light-directed changes in translation in tobacco. <b>2001</b> , 125, 770-8	39
1063	GFP enlightens the study of endomembrane dynamics in plant cells. <b>2001</b> , 135, 3-12	1
1062	<i>Agrobacterium tumefaciens</i> -mediated transformation of maize embryos using a standard binary vector system. <b>2002</b> , 129, 13-22	359
1061	Membrane protein topology of oleosin is constrained by its long hydrophobic domain. <b>2002</b> , 277, 8602-10	45
1060	A pectin glucuronyltransferase gene is essential for intercellular attachment in the plant meristem. <b>2002</b> , 99, 16319-24	218
1059	Distinct But Conserved Functions for Two Chloroplastic NADP-Malic Enzyme Isoforms in C3 and C4 Flaveria Species. <b>2002</b> , 128, 125-139	49
1058	Gibberellin regulates <i>Arabidopsis</i> seed germination via RGL2, a GAI/RGA-like gene whose expression is up-regulated following imbibition. <b>2002</b> , 16, 646-58	434
1057	Evaluation of three procedures for recovery of GUS enzyme and colony forming units of a nonpathogenic strain of <i>Fusarium oxysporum</i> , 70T01, from inoculated tomato roots. <b>2002</b> , 24, 340-348	7



1056	Polypurine (A)-rich sequences promote cross-kingdom conservation of internal ribosome entry. <b>2002</b> , 99, 5301-6	108
1055	Metabolic and environmental regulation of 3-methylcrotonyl-coenzyme A carboxylase expression in <i>Arabidopsis</i> . <b>2002</b> , 129, 625-37	42
1054	A novel nucleus-targeted protein is expressed in barley leaves during senescence and pathogen infection. <b>2002</b> , 130, 1172-80	39
1053	Glufosinate-tolerant tobacco plants directed by the promoter of adenylate kinase gene of rice. <b>2002</b> , 89, 351-4	1
1052	Reversible heat-induced inactivation of chimeric beta-glucuronidase in transgenic plants. <b>2002</b> , 129, 333-41	5
1051	A role for the DOF transcription factor BPBF in the regulation of gibberellin-responsive genes in barley aleurone. <b>2002</b> , 130, 111-9	135
1050	The as-1 promoter element is an oxidative stress-responsive element and salicylic acid activates it via oxidative species. <b>2002</b> , 130, 1516-26	107
1049	Rpp16 and Rpp17, from a common origin, have different protein characteristics but both genes are predominantly expressed in rice phloem tissues. <b>2002</b> , 43, 668-74	12
1048	The MALE STERILITY1 gene of <i>Arabidopsis</i> , encoding a nuclear protein with a PHD-finger motif, is expressed in tapetal cells and is required for pollen maturation. <b>2002</b> , 43, 1285-92	113
1047	The white clover enod40 gene family. Expression patterns of two types of genes indicate a role in vascular function. <b>2002</b> , 129, 1107-18	24
1046	Tissue localization of a submergence-induced 1-aminocyclopropane-1-carboxylic acid synthase in rice. <b>2002</b> , 129, 72-84	32
1045	Expression of the AtGH3a gene, an <i>Arabidopsis</i> homologue of the soybean GH3 gene, is regulated by phytochrome B. <b>2002</b> , 43, 281-9	57
1044	Phytochrome in cotyledons regulates the expression of genes in the hypocotyl through auxin-dependent and -independent pathways. <b>2002</b> , 43, 1171-81	44
1043	Network of interactions of a novel plant-specific Arg/Ser-rich protein, atRSZ33, with atSC35-like splicing factors. <b>2002</b> , 277, 39989-98	64
1042	Increased level of hemoglobin 1 enhances survival of hypoxic stress and promotes early growth in <i>Arabidopsis thaliana</i> . <b>2002</b> , 99, 17197-202	153
1041	Significance of the expression of the CER6 condensing enzyme for cuticular wax production in <i>Arabidopsis</i> . <b>2002</b> , 129, 1568-80	207
1040	Ethanol vapor is an efficient inducer of the alc gene expression system in model and crop plant species. <b>2002</b> , 129, 943-8	54
1039	Regulation of constitutively expressed and induced cutinase genes by different zinc finger transcription factors in <i>Fusarium solani</i> f. sp. <i>pisi</i> ( <i>Nectria haematococca</i> ). <b>2002</b> , 277, 7905-12	55

1038	A gene in the <i>Pseudomonas syringae</i> pv. tomato Hrp pathogenicity island conserved effector locus, hopPtoA1, contributes to efficient formation of bacterial colonies in planta and is duplicated elsewhere in the genome. <b>2002</b> , 15, 1014-24	36
1037	Vacuum Infiltration Based Agrobacterium Mediated Gene Transfer to Lentil ( <i>Lens Culinaris</i> M.) Tissues. <b>2002</b> , 16, 24-29	3
1036	Bioengineered rice for plant protection. <b>2002</b> , 19, 339-54	1
1035	Expression of recombinant trichosanthin, a ribosome-inactivating protein, in transgenic tobacco. <b>2002</b> , 97, 69-88	39
1034	Monitoring <i>Azospirillum</i> -wheat interactions using the <i>gfp</i> and <i>gusA</i> genes constitutively expressed from a new broad-host range vector. <b>2002</b> , 97, 243-52	81
1033	GUS and GFP transformation of the biocontrol strain <i>Clonostachys rosea</i> IK726 and the use of these marker genes in ecological studies. <b>2002</b> , 106, 815-826	53
1032	Production of transgenic <i>Eucalyptus grandis</i> x <i>E. urophylla</i> using the sonication-assisted Agrobacterium transformation (SAAT) system. <b>2002</b> , 29, 97-102	29
1031	In the complex family of heat stress transcription factors, HsfA1 has a unique role as master regulator of thermotolerance in tomato. <b>2002</b> , 16, 1555-67	393
1030	BES1 accumulates in the nucleus in response to brassinosteroids to regulate gene expression and promote stem elongation. <b>2002</b> , 109, 181-91	858
1029	<i>Agrobacterium tumefaciens</i> supports DNA replication of diverse geminivirus types. <b>2002</b> , 516, 179-82	24
1028	Effect of diet on markers of intestinal health in dogs. <b>2002</b> , 72, 223-7	16
1027	Heterologous expression of the <i>Aspergillus nidulans</i> alcR-alcA system in <i>Aspergillus niger</i> . <b>2002</b> , 37, 89-97	24
1026	Transgenic tobacco expressing <i>Entamoeba histolytica</i> calcium binding protein exhibits enhanced growth and tolerance to salt stress. <b>2002</b> , 162, 41-47	18
1025	Methods for genetic transformation of the parasitic weed dodder ( <i>Cuscuta trifolii</i> Bab. et Gibs) and for PCR-based detection of early transformation events. <b>2002</b> , 162, 193-199	10
1024	Sucrose regulation of ADP-glucose pyrophosphorylase subunit genes transcript levels in leaves and fruits. <b>2002</b> , 162, 239-44	40
1023	Transgenic potato plants expressing the <i>nptII-gus</i> marker genes affect survival and development of the Colorado potato beetle. <b>2002</b> , 162, 373-380	8
1022	Effects of phenolic compounds on <i>Agrobacterium vir</i> genes and gene transfer induction: plausible molecular mechanism of phenol binding protein activation. <b>2002</b> , 162, 733-743	38
1021	Age, position in mother seedling, orientation, and polarity of the epicotyl segments of blackgram ( <i>Vigna mungo</i> L. Hepper) determines its morphogenic response. <b>2002</b> , 163, 101-109	29

1020	A 235-bp region from a nutritionally regulated soybean seed-specific gene promoter can confer its sulfur and nitrogen response to a constitutive promoter in aerial tissues of <i>Arabidopsis thaliana</i> . <b>2002</b> , 163, 75-82			33
1019	Cloning and identification of the promoter of the tobacco Sar8.2b gene, a gene involved in systemic acquired resistance. <b>2002</b> , 290, 115-24			17
1018	<i>Petunia</i> actin-depolymerizing factor is mainly accumulated in vascular tissue and its gene expression is enhanced by the first intron. <b>2002</b> , 292, 233-43			32
1017	Constitutive Promoters Available for Transgene Expression Instead of CaMV 35S RNA Promoter : Arabidopsis Promoters of Tryptophan Synthase Protein $\beta$ subunit and Phytochrome B. <b>2002</b> , 19, 19-26			4
1016	Introduction of Delta-endotoxin Gene of <i>Bacillus thuringiensis</i> to <i>Chrysanthemum</i> [ <i>Dendranthema * grandiflorum</i> (Ramat.) Kitamura] for Insect Resistance.. <b>2002</b> , 52, 43-50			19
1015	Spatial and temporal regulation of a soybean ( <i>Glycine max</i> ) lectin promoter in transgenic cotton ( <i>Gossypium hirsutum</i> ). <b>2002</b> , 29, 835-843			5
1014	<i>Agrobacterium</i> -mediated genetic transformation of 'Hamlin' sweet orange. <b>2002</b> , 37, 955-961			28
1013	An AP2 domain transcription factor HvCBF1 activates expression of cold-responsive genes in barley through interaction with a (G/a)(C/t)CGAC motif. <b>2002</b> , 1577, 63-72			53
1012	Dehydrating immature embryo split apices and rehydrating with <i>Agrobacterium tumefaciens</i> : A new method for genetically transforming recalcitrant sunflower. <i>Plant Molecular Biology Reporter</i> , <b>2002</b> , 20, 335-345	1.7		15
1011	Transformation of lentil ( <i>Lens culinaris</i> M.) cotyledonary nodes by vacuum infiltration of <i>Agrobacterium tumefaciens</i> . <i>Plant Molecular Biology Reporter</i> , <b>2002</b> , 20, 251-257	1.7		33
1010	Introduction of antisense waxy gene into main parent lines of indica hybrid rice. <b>2002</b> , 47, 1192-1197			
1009	Establishment of a coupled expression system mediated by modified T7 RNA polymerase gene. <b>2002</b> , 47, 1197-1201			1
1008	<i>Agrobacterium</i> -mediated transformation of cauliflower: optimization of protocol and development of Bt-transgenic cauliflower. <b>2002</b> , 27, 495-502			59
1007	A constitutive gene expression system derived from the tCUP cryptic promoter elements. <b>2002</b> , 105, 505-514			53
1006	Enhancement of metabolizing herbicides in young tubers of transgenic potato plants with the rat CYP1A1 gene. <b>2002</b> , 105, 515-520			29
1005	Inducible cross-tolerance to herbicides in transgenic potato plants with the rat CYP1A1 gene. <b>2002</b> , 104, 308-314			19
1004	Cre/ lox site-specific recombination controls the excision of a transgene from the rice genome. <b>2002</b> , 104, 518-525			94
1003	<i>Agrobacterium</i> -mediated genetic transformation of <i>Acacia mangium</i> . <b>2002</b> , 20, 917-922			39

1002	Agrobacterium-mediated production of transgenic plants of <i>Muscari armeniacum</i> Leichtl. ex Bak.. <b>2002</b> , 20, 835-841	40
1001	A new GST-MAT vector containing both <i>ipt</i> and <i>iaaM/H</i> genes can produce marker-free transgenic tobacco plants with high frequency. <b>2002</b> , 20, 923-928	22
1000	Activity of the Arabidopsis blue copper-binding protein gene promoter in transgenic tobacco plants upon wounding. <b>2002</b> , 20, 987-991	7
999	Abiotic and biotic stress differentially stimulate <i>as-1</i> element activity in Arabidopsis. <b>2002</b> , 21, 180-185	47
998	Genetic transformation of the commercial barley ( <i>Hordeum vulgare</i> L.) cultivar Conlon by particle bombardment of callus. <b>2002</b> , 21, 76-80	31
997	An effective and reproducible transformation protocol for the model resurrection plant <i>Craterostigma plantagineum</i> Hochst.. <b>2002</b> , 21, 63-69	17
996	Tissue-specific expression of the $\beta$ -glucuronidase reporter gene in transgenic strawberry ( <i>Fragaria</i> [ananas]) plants. <b>2002</b> , 21, 313-319	45
995	An evaluation of factors affecting the efficiency of Agrobacterium-mediated transformation of <i>Citrus paradisi</i> (Macf.) and production of transgenic plants containing carotenoid biosynthetic genes. <b>2002</b> , 21, 365-373	70
994	Analysis And Localization of the Water-Deficit Stress-Induced Gene ( <i>lp3</i> ). <b>2002</b> , 21, 469-478	10
993	Competency of <i>Nicotiana tabacum</i> L. stem tissues to dedifferentiate is associated with differential levels of cell cycle gene expression and endogenous cytokinins. <b>2002</b> , 215, 267-78	15
992	The Douglas-fir BiP promoter is functional in Arabidopsis and responds to wounding. <b>2002</b> , 215, 569-76	9
991	A promoter from the loblolly pine <i>PtNIP1;1</i> gene directs expression in an early-embryogenesis and suspensor-specific fashion. <b>2002</b> , 215, 694-8	20
990	A reporter system for prokaryotic and eukaryotic cells based on the thermostable lichenase from <i>Clostridium thermocellum</i> . <b>2002</b> , 266, 778-86	23
989	Cloning and characterisation of the <i>Azospirillum brasilense</i> <i>glnD</i> gene and analysis of a <i>glnD</i> mutant. <b>2002</b> , 266, 813-20	16
988	The tobacco bZIP transcription factor BZI-1 binds to G-box elements in the promoters of phenylpropanoid pathway genes in vitro, but it is not involved in their regulation in vivo. <b>2002</b> , 267, 16-26	34
987	Bean class IV chitinase promoter is modulated during plant development and under abiotic stress. <b>2002</b> , 116, 512-521	6
986	Screening for transgenic plant cells that highly express a target gene from genetically mixed cells. <b>2002</b> , 10, 175-182	4
985	Expression of an Arabidopsis lectin kinase receptor gene, <i>lecRK-a1</i> , is induced during senescence, wounding and in response to oligogalacturonic acids. <b>2002</b> , 40, 431-438	51

984	Optimization of the uidA gene transfer into somatic embryos of rose via Agrobacterium tumefaciens. <b>2002</b> , 40, 453-459	34
983	Ethylene- and ozone-induced regulation of a grapevine resveratrol synthase gene: different responsive promoter regions. <b>2002</b> , 40, 865-870	22
982	The spliceosomal intron of the rolA gene of agrobacterium rhizogenes is a prokaryotic promoter. <b>2000</b> , 35, 1326-34	23
981	The GAMYB protein from barley interacts with the DOF transcription factor BPBF and activates endosperm-specific genes during seed development. <b>2002</b> , 29, 453-64	181
980	Expression and promoter activity of the desiccation-specific Solanum tuberosum gene, StDS2. <b>2002</b> , 25, 1197-1203	18
979	Storekeeper defines a new class of plant-specific DNA-binding proteins and is a putative regulator of patatin expression. <b>2002</b> , 30, 489-97	54
978	Intrinsic direct repeats generate consistent post-transcriptional gene silencing in tobacco. <b>2002</b> , 31, 37-49	41
977	Expression analysis suggests novel roles for members of the Pht1 family of phosphate transporters in Arabidopsis. <b>2002</b> , 31, 341-53	364
976	Modifying the pollen coat protein composition in Brassica. <b>2002</b> , 31, 477-86	14
975	Germination and storage reserve mobilization are regulated independently in Arabidopsis. <b>2002</b> , 31, 639-47	131
974	In planta protein-protein interactions assessed using a nanovirus-based replication and expression system. <b>2002</b> , 31, 767-75	11
973	A delayed leaf senescence mutant is defective in arginyl-tRNA:protein arginyltransferase, a component of the N-end rule pathway in Arabidopsis. <b>2002</b> , 32, 129-37	118
972	Expression of a Phytophthora sojae necrosis-inducing protein occurs during transition from biotrophy to necrotrophy. <b>2002</b> , 32, 361-73	241
971	Prenylcysteine alpha-carboxyl methyltransferase expression and function in Arabidopsis thaliana. <b>2002</b> , 32, 735-47	23
970	Culturing shoot-tip clumps of pearl millet [Pennisetum glaucum (L.) R. Br.] and optimal microprojectile bombardment parameters for transient expression. <b>2002</b> , 125, 45-50	12
969	Analysis of a backcross population from a multi-copy transgenic Brassica napus line. <b>2002</b> , 124, 333-340	3
968	Manipulation of discriminatory T-DNA delivery by Agrobacterium into cells of immature embryos of barley and wheat. <b>2002</b> , 126, 333-343	14
967	Field assessment of outcrossing from transgenic pea (Pisum sativum L.) plants. <b>2002</b> , 11, 515-9	12

966	Transgenic fertile plants of soybean [ <i>Glycine max</i> (L.) Merrill] obtained from bombarded embryogenic tissue. <b>2002</b> , 127, 367-376	25
965	Transgenic and herbicide resistant pearl millet ( <i>Pennisetum glaucum</i> L.) R.Br. via microprojectile bombardment of scutellar tissue. <b>2002</b> , 10, 243-252	23
964	High-frequency callus induction and plant regeneration in <i>Tripsacum dactyloides</i> (L.). <b>2002</b> , 38, 435-440	5
963	Endogenous viral sequences and their potential contribution to heritable virus resistance in plants. <b>2002</b> , 21, 461-9	80
962	The production of transgenic Scots pine ( <i>Pinus sylvestris</i> L.) via the application of transformed pollen in controlled crossings. <b>2003</b> , 12, 375-8	13
961	Biotechnology as a useful tool in common bean ( <i>Phaseolus vulgaris</i> L.) improvement. <b>2003</b> , 131, 189-200	22
960	Transgene expression in the vegetative tissues of apple driven by the vascular-specific rolC and CoYMV promoters. <b>2003</b> , 12, 391-402	14
959	Expression of an Arabidopsis phosphoglycerate mutase homologue is localized to apical meristems, regulated by hormones, and induced by sedentary plant-parasitic nematodes. <b>2003</b> , 53, 513-30	72
958	Plant regeneration and Agrobacterium-mediated transformation of two elite aspen hybrid clones from in vitro leaf tissues. <b>2003</b> , 39, 6-11	31
957	Electroporation of embryogenic protoplasts of sweet orange ( <i>Citrus sinensis</i> (L.) Osbeck) and regeneration of transformed plants. <b>2003</b> , 39, 586-594	32
956	Desiccation of plant tissues post-Agrobacterium infection enhances T-DNA delivery and increases stable transformation efficiency in wheat. <b>2003</b> , 39, 595-604	89
955	Stable inheritance of the antisense Waxy gene in transgenic rice with reduced amylose level and improved quality. <b>2003</b> , 12, 71-82	49
954	Functional analysis of two matrix attachment region (MAR) elements in transgenic maize plants. <b>2003</b> , 12, 137-54	19
953	Transfer and expression of an artificial storage protein (ASP1) gene in cassava ( <i>Manihot esculenta</i> Crantz). <b>2003</b> , 12, 243-50	48
952	High-frequency Agrobacterium-mediated genetic transformation of tongil rice varieties. <b>2003</b> , 46, 23-30	3
951	Variation of $\beta$ -glucuronidase activity in cauliflower plants with gus gene introduced by Agrobacterium rhizogenes mediated transformation. <b>2003</b> , 25, 63-68	2
950	Highly efficient production and characterization of T-DNA plants for rice ( <i>Oryza sativa</i> L.) functional genomics. <b>2003</b> , 106, 1396-408	189
949	Evaluation of different promoters driving the GFP reporter gene and selected target tissues for particle bombardment of <i>Dendrobium Sonia 17</i> . <b>2003</b> , 21, 452-8	26

948	An improved MUG fluorescent assay for the determination of GUS activity within transgenic tissue of woody plants. <b>2003</b> , 21, 619-24	23
947	Visualization of somatic deletions mediated by R/RS site-specific recombination and induction of germinal deletions caused by callus differentiation and regeneration in rice. <b>2003</b> , 21, 605-10	5
946	Factors influencing successful Agrobacterium-mediated genetic transformation of wheat. <b>2003</b> , 21, 659-68	182
945	Gene silencing in transgenic soybean plants transformed via particle bombardment. <b>2003</b> , 21, 676-83	56
944	Agrobacterium-mediated transformation of niger [ <i>Guizotia abyssinica</i> (L. f.) Cass.] using seedling explants. <b>2003</b> , 21, 1183-7	8
943	A new transformation-regeneration procedure in the model legume <i>Lotus japonicus</i> : root explants as a source of large numbers of cells susceptible to Agrobacterium-mediated transformation. <b>2003</b> , 21, 771-7	32
942	Efficiency of transient transformation in tobacco protoplasts is independent of plasmid amount. <b>2003</b> , 21, 865-71	41
941	Analysis of regulatory elements of the promoter and the 3' untranslated region of the maize Hrgp gene coding for a cell wall protein. <b>2003</b> , 21, 916-23	12
940	Influence of <i>Agrobacterium tumefaciens</i> strain on the production of transgenic peas ( <i>Pisum sativum</i> L.). <b>2003</b> , 21, 1207-10	26
939	Early antibiotic selection and efficient rooting and acclimatization improve the production of transgenic plum plants ( <i>Prunus domestica</i> L.). <b>2003</b> , 22, 38-45	73
938	The promoter of an antifungal protein gene from <i>Gastrodia elata</i> confers tissue -specific and fungus-inducible expression patterns and responds to both salicylic acid and jasmonic acid. <b>2003</b> , 22, 79-84	20
937	Genetic transformation and regeneration of rubber tree ( <i>Hevea brasiliensis</i> Muell. Arg) transgenic plants with a constitutive version of an anti-oxidative stress superoxide dismutase gene. <b>2003</b> , 22, 201-9	45
936	A synthetic xylanase as a novel reporter in plants. <b>2003</b> , 22, 135-40	21
935	Regeneration and Agrobacterium-mediated transformation of hop ( <i>Humulus lupulus</i> L.). <b>2003</b> , 22, 210-7	36
934	In situ Western hybridization: a new, highly sensitive technique to detect foreign and endogenous protein distribution in rice seeds. <b>2003</b> , 22, 282-5	15
933	Reef-coral proteins as visual, non-destructive reporters for plant transformation. <b>2003</b> , 22, 244-51	49
932	Development of a novel Agrobacterium-mediated transformation method to recover transgenic <i>Brassica napus</i> plants. <b>2003</b> , 22, 274-81	54
931	Light strongly promotes gene transfer from <i>Agrobacterium tumefaciens</i> to plant cells. <b>2003</b> , 216, 580-6	60



930	Gradual shifts in sites of free-auxin production during leaf-primordium development and their role in vascular differentiation and leaf morphogenesis in Arabidopsis. <b>2003</b> , 216, 841-53	289
929	The small subunit ADP-glucose pyrophosphorylase ( ApS) promoter mediates okadaic acid-sensitive uidA expression in starch-synthesizing tissues and cells in Arabidopsis. <b>2003</b> , 217, 184-92	21
928	Vernalization-induced flowering in wheat is mediated by a lectin-like gene VER2. <b>2003</b> , 217, 261-70	77
927	The unusual Arabidopsis extensin gene atExt1 is expressed throughout plant development and is induced by a variety of biotic and abiotic stresses. <b>2003</b> , 217, 356-66	63
926	Two cassava promoters related to vascular expression and storage root formation. <b>2003</b> , 218, 192-203	42
925	Flavonoid-related regulation of auxin accumulation in Agrobacterium tumefaciens-induced plant tumors. <b>2003</b> , 218, 163-78	39
924	Probiotic effects of beta-glucuronidase on the peach-potato aphid Myzus persicae (Aphididae). <b>2003</b> , 49, 1199-209	14
923	Regulation of MSV and WDV virion-sense promoters by WDV nonstructural proteins: a role for their retinoblastoma protein-binding motifs. <b>2003</b> , 306, 313-23	16
922	Isolation and functional analysis of the 5'-flanking region of carrot top1beta gene coding for the beta isoform of DNA topoisomerase I. <b>2003</b> , 1625, 197-202	4
921	Developing transgenic arabidopsis plants to be metal-specific bioindicators. <b>2003</b> , 22, 175-181	20
920	Evidence that direct DNA uptake through cut shoots leads to genetic transformation of Solanum aviculare Forst. <b>2003</b> , 21, 11-7	14
919	Geminivirus vectors for high-level expression of foreign proteins in plant cells. <b>2003</b> , 81, 430-7	71
918	The tobacco Ext 1.4 extensin gene family is not regulated by auxins in cells proliferating under hormone control. <b>2003</b> , 41, 363-367	1
917	Structural organisation, expression, and promoter analysis of a 16R isoform of 14-3-3 protein gene from potato. <b>2003</b> , 41, 417-423	9
916	Regulation of promoter activity of ferredoxin-dependent glutamate synthase. <b>2003</b> , 41, 649-655	12
915	Identification of an allele of CLA1 associated with variegation in Arabidopsis thaliana. <b>2003</b> , 118, 29-37	21
914	Combined deficiency of iron and other divalent cations mitigates the symptoms of iron deficiency in tobacco plants. <b>2003</b> , 119, 400-408	26
913	Physiological and morphological evidence of brassinosteroid-biosynthesis inhibition by the fungicide imazalil. <b>2003</b> , 119, 69-77	6



912	Transgenically enhanced sorbitol synthesis facilitates phloem-boron mobility in rice. <b>2003</b> , 117, 79-84	33
911	<i>Pseudomonas syringae</i> pv. tomato DC3000 HopPtoM (CEL ORF3) is important for lesion formation but not growth in tomato and is secreted and translocated by the Hrp type III secretion system in a chaperone-dependent manner. <b>2003</b> , 49, 1239-51	91
910	The <i>Brassica napus</i> extA extensin gene negative regulatory region controls expression in response to mechanical stresses. <b>2003</b> , 26, 1647-1655	1
909	Fluorescence microscopy: a powerful technique to detect low GUS activity in vascular tissues. <b>2003</b> , 33, 205-9	10
908	SAD: a new DOF protein from barley that activates transcription of a cathepsin B-like thiol protease gene in the aleurone of germinating seeds. <b>2003</b> , 33, 329-40	69
907	The <i>abi1-1</i> mutation blocks ABA signaling downstream of cADPR action. <b>2003</b> , 34, 307-15	65
906	Neither inverted repeat T-DNA configurations nor arrangements of tandemly repeated transgenes are sufficient to trigger transgene silencing. <b>2003</b> , 34, 507-17	92
905	AtMYB103 regulates tapetum and trichome development in <i>Arabidopsis thaliana</i> . <b>2003</b> , 35, 177-92	173
904	Development of enhancer trap lines for functional analysis of the rice genome. <b>2003</b> , 35, 418-27	210
903	Glutathione peroxidase genes in <i>Arabidopsis</i> are ubiquitous and regulated by abiotic stresses through diverse signaling pathways. <b>2003</b> , 36, 602-15	235
902	Identification of novel cis-acting elements, IDE1 and IDE2, of the barley IDS2 gene promoter conferring iron-deficiency-inducible, root-specific expression in heterogeneous tobacco plants. <b>2003</b> , 36, 780-93	129
901	Opportunistic out-crossing in <i>Nicotiana attenuata</i> (Solanaceae), a predominantly self-fertilizing native tobacco. <b>2003</b> , 3, 6	25
900	A binuclear zinc transcription factor binds the host isoflavonoid-responsive element in a fungal cytochrome p450 gene responsible for detoxification. <b>2003</b> , 49, 117-30	25
899	Effects of potato plants expressing the nptII-gus fusion marker genes on reproduction, longevity, and host-finding of the peach-potato aphid, <i>Myzus persicae</i> . <b>2003</b> , 106, 95-102	16
898	Characterization of a gene from chromosome 1B encoding the large subunit of ADPglucose pyrophosphorylase from wheat: evolutionary divergence and differential expression of Agp2 genes between leaves and developing endosperm. <b>2003</b> , 1, 259-70	26
897	The <i>Arabidopsis</i> mutant <i>iop1</i> exhibits induced over-expression of the plant defensin gene PDF1.2 and enhanced pathogen resistance. <b>2003</b> , 4, 479-86	15
896	Development of a reporter system for the yeast <i>Schwanniomyces occidentalis</i> : influence of DNA composition and codon usage. <b>2003</b> , 20, 687-701	10
895	The soybean retroelement SIRE1 uses stop codon suppression to express its envelope-like protein. <b>2003</b> , 4, 274-7	13

- 894 Insect resistance conferred by 283-kDa *Photobacterium luminescens* protein TcdA in *Arabidopsis thaliana*. **2003**, 21, 1222-8 89
- 893 Shoot meristem: an ideal explant for *Zea mays* L. transformation. **2003**, 46, 323-9 41
- 892 Introduction of a Nla proteinase cleavage site between the reporter gene and HC-Pro only partially restores the biological properties of GUS- or GFP-tagged LMV. **2003**, 98, 151-62 14
- 891 Competitive abilities of common field isolates and a commercial strain of *Rhizobium leguminosarum* bv. *trifolii* for clover nodule occupancy. **2003**, 35, 1039-1048 30
- 890 AXR1 is involved in BR-mediated elongation and SAUR-AC1 gene expression in *Arabidopsis*. **2003**, 553, 28-32 32
- 889 Genetic transformation and plant recovery from mature tissues of *Citrus sinensis* L. Osbeck. **2003**, 164, 203-211 52
- 888 Analysis of the influence of promoter elements and a matrix attachment region on the inter-individual variation of transgene expression in populations of *Arabidopsis thaliana*. **2003**, 165, 169-179 43
- 887 Expression patterns of a putative homolog of AGAMOUS, STAG1, from strawberry. **2003**, 165, 959-968 20
- 886 High transgene expression levels in sugarcane (*Saccharum officinarum* L.) driven by the rice ubiquitin promoter RUBQ2. **2003**, 165, 743-750 36
- 885 A high throughput functional expression assay system for a defence gene conferring transgenic resistance on rice against the sheath blight pathogen, *Rhizoctonia solani*. **2003**, 165, 969-976 43
- 884 The promoter of the spinach PsaF gene for the subunit III of the photosystem I reaction center directs beta-glucuronidase gene expression in transgenic tobacco roots. Implication of the involvement of phospholipases and protein kinase C in PsaF gene expression. **2003**, 160, 503-8 3
- 883 Efficient and genotype-independent *Agrobacterium*-mediated tomato transformation. **2003**, 160, 1253-7 102
- 882 Promoter analysis in transient assays using a GUS reporter gene construct in creeping bentgrass (*Agrostis palustris*). **2003**, 160, 1233-9 19
- 881 Detoxification of the *Fusarium* mycotoxin deoxynivalenol by a UDP-glucosyltransferase from *Arabidopsis thaliana*. **2003**, 278, 47905-14 396
- 880 The new RENT family of repetitive elements in *Nicotiana* species harbors gene regulatory elements related to the tCUP cryptic promoter. **2003**, 46, 146-55 10
- 879 The role of biotin in regulating 3-methylcrotonyl-coenzyme a carboxylase expression in *Arabidopsis*. **2003**, 131, 1479-86 22
- 878 Transcriptional activation of phosphoenolpyruvate carboxylase by phosphorus deficiency in tobacco. **2003**, 54, 961-9 15
- 877 Three genes that affect sugar sensing (abscisic acid insensitive 4, abscisic acid insensitive 5, and constitutive triple response 1) are differentially regulated by glucose in *Arabidopsis*. **2003**, 133, 231-42 122

876	Purine synthesis and increased <i>Agrobacterium tumefaciens</i> transformation of yeast and plants. <b>2003</b> , 100, 6634-9	27
875	Site-specific integration of <i>Agrobacterium tumefaciens</i> T-DNA via double-stranded intermediates. <b>2003</b> , 133, 1011-23	121
874	Strategies for development of functionally equivalent promoters with minimum sequence homology for transgene expression in plants: cis-elements in a novel DNA context versus domain swapping. <b>2003</b> , 132, 988-98	81
873	Transformation of <i>Petunia hybrida</i> by the <i>Agrobacterium</i> Suspension Drop Method. <b>2003</b> , 45-51	1
872	A Preliminary Study on a Specifically Expressed <i>Arabidopsis</i> Promotor in Vascular Bundle. <b>2003</b> , 5, 1755-1760	
871	The Polycomb-group protein MEDEA regulates seed development by controlling expression of the MADS-box gene PHERES1. <b>2003</b> , 17, 1540-53	316
870	Independent expression of Rep and RepA and their roles in regulating bean yellow dwarf virus replication. <b>2003</b> , 84, 3465-3472	18
869	Transfer and Expression of Marker (nptII) and Reporter (gus) Genes in <i>Atropa Belladonna</i> Plants. <b>2003</b> , 17, 143-148	
868	<i>Agrobacterium</i> -Mediated) Transformation of Cucumber ( <i>Cucumis Sativus</i> L.) and Plant Regeneration. <b>2003</b> , 17, 56-62	8
867	Brassinolide induces IAA5, IAA19, and DR5, a synthetic auxin response element in <i>Arabidopsis</i> , implying a cross talk point of brassinosteroid and auxin signaling. <b>2003</b> , 133, 1843-53	198
866	The HrpX/HrpY two-component system activates hrpS expression, the first step in the regulatory cascade controlling the Hrp regulon in <i>Pantoea stewartii</i> subsp. <i>stewartii</i> . <b>2003</b> , 16, 238-48	52
865	Intein-mediated assembly of a functional beta-glucuronidase in transgenic plants. <b>2003</b> , 100, 3513-8	43
864	A role for the GCC-box in jasmonate-mediated activation of the PDF1.2 gene of <i>Arabidopsis</i> . <b>2003</b> , 132, 1020-32	324
863	Phenotypic changes resulting from distinct point mutations in the <i>Azospirillum brasilense</i> glnA gene, encoding glutamine synthetase. <b>2003</b> , 69, 5699-701	17
862	Genetic Transformation of Plants. <b>2003</b> ,	2
861	In Vitro Induction of Crown Galls by <i>Agrobacterium Tumefaciens</i> Super Virulent Strain A281 (pTiBo 542) in <i>Salvia Sclarea</i> and <i>S. Pratense</i> . <b>2003</b> , 17, 63-69	1
860	<i>Arabidopsis</i> mutants in short- and medium-chain acyl-CoA oxidase activities accumulate acyl-CoAs and reveal that fatty acid beta-oxidation is essential for embryo development. <b>2003</b> , 278, 21370-7	87
859	The Promoter Region of <i>Arabidopsis</i> Metallothionein MT2a Gene is Strongly Induced by Treatment with Cu II, ZnII and Cd II Ions in Transgenic <i>Nicotiana Benthiana</i> Plants. <b>2003</b> , 17, 134-139	3

858	A Rapid and Direct Approach to Identify Promoters That Confer High Levels of Gene Expression in Monocots. <b>2003</b> , 43, 1805-1813	20
857	Construction and preliminary evaluation of an <i>Aspergillus flavus</i> reporter gene construct as a potential tool for screening aflatoxin resistance. <b>2003</b> , 66, 1927-31	5
856	A Synthetic Green Fluorescent Protein Gene for Plant Biotechnology.. <b>2003</b> , 20, 1-11	52
855	Agrobacterium-mediated transformation of <i>Citrus sinensis</i> and <i>Citrus limonia</i> epicotyl segments. <b>2003</b> , 60, 23-29	24
854	Efficient Agroinfiltration-mediated Transient GUS Expression System for Assaying Different Promoters in Rice.. <b>2003</b> , 20, 235-239	7
853	Effect of Silver Nitrate on Shoot Regeneration and Agrobacterium-mediated Transformation of Turnip ( <i>Brassica rapa</i> L. var. <i>rapifera</i> ). <b>2004</b> , 21, 225-228	4
852	Engineering Higher Yield and Herbicide Resistance in Rice by Agrobacterium-Mediated Multiple Gene Transformation. <b>2004</b> , 44, 2206-2213	28
851	Enhancement of Reporter-Gene Expression by Insertions of Two Introns in Maize and Tobacco Protoplasts. <b>2004</b> , 21, 15-24	8
850	Swimming motility, a virulence trait of <i>Ralstonia solanacearum</i> , is regulated by FlhDC and the plant host environment. <b>2004</b> , 17, 686-95	79
849	Galactinol synthase1. A novel heat shock factor target gene responsible for heat-induced synthesis of raffinose family oligosaccharides in <i>Arabidopsis</i> . <b>2004</b> , 136, 3148-58	195
848	Characterization of GaWRKY1, a cotton transcription factor that regulates the sesquiterpene synthase gene (+)-delta-cadinene synthase-A. <b>2004</b> , 135, 507-15	325
847	FixJ-regulated genes evolved through promoter duplication in <i>Sinorhizobium meliloti</i> . <b>2004</b> , 150, 2335-2345	21
846	Untranslated regions from C4 amaranth AhRbcS1 mRNAs confer translational enhancement and preferential bundle sheath cell expression in transgenic C4 <i>Flaveria bidentis</i> . <b>2004</b> , 136, 3550-61	31
845	Characterization of a xyloglucan endotransglucosylase gene that is up-regulated by gibberellin in rice. <b>2004</b> , 136, 3670-81	84
844	Stress tolerance and glucose insensitive phenotypes in <i>Arabidopsis</i> overexpressing the CpMYB10 transcription factor gene. <b>2004</b> , 135, 309-24	90
843	Light regulation of the <i>Arabidopsis</i> respiratory chain. Multiple discrete photoreceptor responses contribute to induction of type II NAD(P)H dehydrogenase genes. <b>2004</b> , 136, 2710-21	105
842	Agrobacterium-Mediated Genetic Transformation of Cotton. <b>2004</b> , 243-254	10
841	Isolation and gene expression analysis of <i>Arabidopsis thaliana</i> mutants with constitutive expression of ATL2, an early elicitor-response RING-H2 zinc-finger gene. <b>2004</b> , 167, 919-29	88

840	Rice dwarf phyto-reovirus segment S6-encoded nonstructural protein has a cell-to-cell movement function. <b>2004</b> , 78, 5382-9	46
839	A plant plasma membrane Ca <sup>2+</sup> pump is required for normal pollen tube growth and fertilization. <b>2004</b> , 101, 9502-7	260
838	Osa protein constitutes a strong oncogenic suppression system that can block vir-dependent transfer of IncQ plasmids between Agrobacterium cells and the establishment of IncQ plasmids in plant cells. <b>2004</b> , 186, 7254-61	12
837	Characterization of three functional high-affinity ammonium transporters in Lotus japonicus with differential transcriptional regulation and spatial expression. <b>2004</b> , 134, 1763-74	68
836	High-throughput fluorescent tagging of full-length Arabidopsis gene products in planta. <b>2004</b> , 135, 25-38	204
835	Developmental regulation of peach ACC oxidase promoter--GUS fusions in transgenic tomato fruits. <b>2004</b> , 55, 1519-28	34
834	Activation of the Oryza sativa non-symbiotic haemoglobin-2 promoter by the cytokinin-regulated transcription factor, ARR1. <b>2004</b> , 55, 1721-31	95
833	Level of tissue differentiation influences the activation of a heat-inducible flower-specific system for genetic containment in poplar (Populus tremula L.). <b>2016</b> , 35, 369-84	5
832	Ectopic expression of phloem motor protein pea forisome PsSEO-F1 enhances salinity stress tolerance in tobacco. <b>2016</b> , 35, 1021-41	7
831	A high-efficiency Agrobacterium tumefaciens mediated transformation system using cotyledonary node as explants in soybean (Glycine max L.). <b>2016</b> , 38, 1	12
830	Identifying a Carotenoid Cleavage Dioxygenase 4a Gene and Its Efficient Agrobacterium-Mediated Genetic Transformation in Bixa orellana L. <b>2016</b> , 179, 697-714	15
829	Improvement of soybean transformation via Agrobacterium tumefaciens methods involving aminoxyacetic acid and sonication treatments enlightened by gene expression profile analysis. <b>2016</b> , 35, 1259-71	4
828	RETRACTED ARTICLE: Expression of a bacterial chitinase () gene enhances resistance against E. polygoni induced powdery mildew disease in the transgenic Black gram ( L.) (cv. T9). <b>2016</b> , 22, 427	0
827	CsNIP2;1 is a Plasma Membrane Transporter from Cucumis sativus that Facilitates Urea Uptake When Expressed in Saccharomyces cerevisiae and Arabidopsis thaliana. <b>2016</b> , 57, 616-29	13
826	Effects of a petunia scaffold/matrix attachment region on copy number dependency and stability of transgene expression in Nicotiana tabacum. <b>2016</b> , 25, 149-62	5
825	Expression analysis of chitinase upon challenge inoculation to wounding and defense inducers in. <b>2017</b> , 13, 72-79	22
824	Constitutive heterologous overexpression of a TIR-NB-ARC-LRR gene encoding a putative disease resistance protein from wild Chinese Vitis pseudoreticulata in Arabidopsis and tobacco enhances resistance to phytopathogenic fungi and bacteria. <b>2017</b> , 112, 346-361	17
823	The mobile RNAs, StBEL11 and StBEL29, suppress growth of tubers in potato. <b>2017</b> , 93, 563-578	33

822	A phosphoinositide-specific phospholipase C pathway elicits stress-induced Ca signals and confers salt tolerance to rice. <b>2017</b> , 214, 1172-1187	56
821	Isolation and functional analysis of apple MdHMGR1 and MdHMGR4 gene promoters in transgenic <i>Arabidopsis thaliana</i> . <b>2017</b> , 129, 133-143	6
820	Protocol for the recovery and detection of <i>Escherichia coli</i> in environmental water samples. <b>2017</b> , 964, 178-186	15
819	Enhancement of sheath blight tolerance in transgenic rice by combined expression of tobacco osmotin (ap24) and rice chitinase (chi11) genes. <b>2017</b> , 53, 12-21	20
818	TSV, a putative plastidic oxidoreductase, protects rice chloroplasts from cold stress during development by interacting with plastidic thioredoxin Z. <b>2017</b> , 215, 240-255	38
817	Dual-targeting by CRISPR/Cas9 for precise excision of transgenes from rice genome. <b>2017</b> , 129, 153-160	32
816	ORA59 and EIN3 interaction couples jasmonate-ethylene synergistic action to antagonistic salicylic acid regulation of PDF expression. <b>2017</b> , 59, 275-287	36
815	Variable responses of two VIMYBA gene promoters to ABA and ACC in Kyoho grape berries. <b>2017</b> , 211, 81-89	6
814	Overexpression of SbAP37 in rice alleviates concurrent imposition of combination stresses and modulates different sets of leaf protein profiles. <b>2017</b> , 36, 773-786	8
813	Lethal albinic seedling, encoding a threonyl-tRNA synthetase, is involved in development of plastid protein synthesis system in rice. <b>2017</b> , 36, 1053-1064	10
812	Root-Knot Nematode Parasitism Suppresses Host RNA Silencing. <b>2017</b> , 30, 295-300	4
811	Overexpression of gma-miR1510a/b suppresses the expression of a NB-LRR domain gene and reduces resistance to <i>Phytophthora sojae</i> . <b>2017</b> , 621, 32-39	19
810	Expression patterns and promoter characteristics of the <i>Vitis quinquangularis</i> VqSTS36 gene involved in abiotic and biotic stress response. <b>2017</b> , 254, 2247-2261	6
809	Overexpression of soybean GmERF9 enhances the tolerance to drought and cold in the transgenic tobacco. <b>2017</b> , 128, 607-618	17
808	Overexpression of a thaumatin-like protein gene from <i>Vitis amurensis</i> improves downy mildew resistance in <i>Vitis vinifera</i> grapevine. <b>2017</b> , 254, 1579-1589	26
807	PtMYB57 contributes to the negative regulation of anthocyanin and proanthocyanidin biosynthesis in poplar. <b>2017</b> , 36, 1263-1276	42
806	Deletion Analysis of GH7 Endoglucanase Gene (cel7B) Promoter Region in a <i>Talaromyces cellulolyticus</i> ligD-Disrupted Strain. <b>2017</b> , 183, 1516-1525	4
805	Identification of root-preferential transcription factors in rice by analyzing GUS expression patterns of T-DNA tagging lines. <b>2017</b> , 60, 268-277	6

804	Functional characterization of a pathogenesis-related protein family 10 gene, LrPR10-5, from <i>Lilium regale</i> Wilson. <b>2017</b> , 46, 251-259	7
803	Biotechnological Advances in Lychee ( <i>Litchi chinensis</i> ) and Their Future Implication in Improvement of Crop. <b>2017</b> , 59-99	
802	Cultivar-specific gene modulation in <i>Vitis vinifera</i> : analysis of the promoters regulating the expression of WOX transcription factors. <b>2017</b> , 7, 45670	13
801	RING-H2-type E3 gene VpRH2 from <i>Vitis pseudoreticulata</i> improves resistance to powdery mildew by interacting with VpGRP2A. <b>2017</b> , 68, 1669-1687	19
800	Meloydogine incognita (Nematoda) reproduction affected by plants overexpressing a steroid inducible gene-expression system. <b>2017</b> , 98, 54-61	
799	Development of an efficient <i>Agrobacterium</i> mediated transformation system for chickpea ( <i>Cicer arietinum</i> ). <b>2017</b> , 72, 153-160	6
798	Expression of the VP40 antigen from the Zaire ebolavirus in tobacco plants. <b>2017</b> , 246, 123-132	12
797	SPL33, encoding an eEF1A-like protein, negatively regulates cell death and defense responses in rice. <b>2017</b> , 68, 899-913	45
796	Establishment of an efficient <i>Agrobacterium</i> -mediated genetic transformation system in <i>Pelargonium graveolens</i> : an important aromatic plant. <b>2017</b> , 129, 35-44	5
795	Characterization of the high-affinity phosphate transporter PHT1;4 gene promoter of <i>Arabidopsis thaliana</i> in transgenic wheat. <b>2017</b> , 61, 453-462	3
794	Native vascular related NAC transcription factors are efficient regulator of multiple classes of secondary wall associated genes in banana. <b>2017</b> , 265, 70-86	12
793	Characterization of ERF76 promoter cloned from <i>Populus simonii</i> [P. nigra]. <b>2017</b> , 39, 1	4
792	<i>Agrobacterium tumefaciens</i> -mediated transformation of drumstick ( <i>Moringa oleifera</i> Lam.). <b>2017</b> , 31, 1126-1131	4
791	Expression of a novel bi-directional <i>Brassica napus</i> promoter in soybean. <b>2017</b> , 26, 727-738	5
790	Increased Postharvest Life of TomLox B Silenced Mutants of Tomato ( <i>Solanum lycopersicum</i> ) Var. TA234. <b>2017</b> , 72, 380-387	5
789	Wax Crystal-Sparse Leaf 4, encoding a $\beta$ ketoacyl-coenzyme A synthase 6, is involved in rice cuticular wax accumulation. <b>2017</b> , 36, 1655-1666	4
788	Identification of a seed coat-specific promoter fragment from the <i>Arabidopsis</i> MUCILAGE-MODIFIED4 gene. <b>2017</b> , 95, 33-50	9
787	PtoMYB170 positively regulates lignin deposition during wood formation in poplar and confers drought tolerance in transgenic <i>Arabidopsis</i> . <b>2017</b> , 37, 1713-1726	60



786	Transient GUS Gene Expression in Date Palm Fruit Using Agroinjection Transformation Technique. <b>2017</b> , 1637, 295-305	1
785	Overexpression of biologically safe <i>Rorippa indica</i> defensin enhances aphid tolerance in <i>Brassica juncea</i> . <b>2017</b> , 246, 1029-1044	17
784	The C2 protein of tomato leaf curl Taiwan virus is a pathogenicity determinant that interferes with expression of host genes encoding chromomethylases. <b>2017</b> , 161, 515-531	9
783	Development of an efficient protocol for <i>Agrobacterium</i> mediated transformation of some recalcitrant indica rice varieties. <b>2017</b> , 22, 346-353	3
782	Expression of the dspA/E gene of <i>Erwinia amylovora</i> in non-host plant <i>Arabidopsis thaliana</i> . <b>2017</b> , 31, 85-90	1
781	A sweet potato cinnamate 4-hydroxylase gene, IbC4H, increases phenolics content and enhances drought tolerance in tobacco. <b>2017</b> , 39, 1	14
780	<i>Azospirillum brasilense</i> : Laboratory Maintenance and Genetic Manipulation. <b>2017</b> , 47, 3E.2.1-3E.2.17	5
779	Feeding behaviour of generalist pests on <i>Brassica juncea</i> : implication for manipulation of glucosinolate biosynthesis pathway for enhanced resistance. <b>2017</b> , 40, 2109-2120	12
778	Effect of gene order in DNA constructs on gene expression upon integration into plant genome. <b>2017</b> , 7, 94	3
777	Transcriptome profiling of litchi leaves in response to low temperature reveals candidate regulatory genes and key metabolic events during floral induction. <b>2017</b> , 18, 363	10
776	Isolation and expression analysis of defensin gene and its promoter from <i>Brassica juncea</i> . <b>2017</b> , 124, 591-600	5
775	Molecular and FISH analyses of a 53-kbp intact DNA fragment inserted by biolistics in wheat ( <i>Triticum aestivum</i> L.) genome. <b>2017</b> , 36, 1547-1559	4
774	Investigating Triticeae anther gene promoter activity in transgenic <i>Brachypodium distachyon</i> . <b>2017</b> , 245, 385-396	3
773	<i>Agrobacterium</i> -mediated transformation of avocado ( <i>Persea americana</i> Mill.) somatic embryos with fluorescent marker genes and optimization of transgenic plant recovery. <b>2017</b> , 128, 447-455	9
772	Efficient particle bombardment-mediated transformation of Cuban soybean (INCASoy-36) using glyphosate as a selective agent. <b>2017</b> , 128, 187-196	4
771	RNAi-mediated endogene silencing in strawberry fruit: detection of primary and secondary siRNAs by deep sequencing. <b>2017</b> , 15, 658-668	8
770	Efficient regeneration and genetic transformation platform applicable to five <i>Musa</i> varieties. <b>2017</b> , 25, 33-38	15
769	Characteristics evaluation of transgenic delay-flowering pineapple ( <i>Ananas comosus</i> L. Merr.). <b>2017</b> , 77-86	



768	Genome-wide analysis of MATE transporters and molecular characterization of aluminum resistance in Populus. <b>2017</b> , 68, 5669-5683	39
767	A novel in vitro transformation of L. using rapid direct shoot regeneration. <b>2017</b> , 7, 284	
766	Plant Promoter Analysis: Identification and Characterization of Root Nodule Specific Promoter in the Common Bean. <b>2017</b> ,	6
765	Agrobacterium-mediated genetic transformation of a tropical elite maize line. <b>2017</b> , 17, 133-140	2
764	Promoter studies of chemically induced BCI-genes in the pathosystem barley $\bar{\text{P}}$ powdery mildew. <b>2017</b> , 38, 487-488	
763	An active Mitochondrial Complex II Present in Mature Seeds Contains an Embryo-Specific Iron-Sulfur Subunit Regulated by ABA and bZIP53 and Is Involved in Germination and Seedling Establishment. <b>2017</b> , 8, 277	14
762	AaPDR3, a PDR Transporter 3, Is Involved in Sesquiterpene $\bar{\text{E}}$ Caryophyllene Transport in. <b>2017</b> , 8, 723	25
761	Functional Characterization of Promoter in Response to Abiotic Stresses by Deletion Analysis in Transgenic. <b>2017</b> , 8, 1198	13
760	Overexpression of SbSI-1, A Nuclear Protein from Confers Drought and Salt Stress Tolerance and Maintains Photosynthetic Efficiency in Transgenic Tobacco. <b>2017</b> , 8, 1215	28
759	The Rice Peptide Transporter Is Induced by Organic Nitrogen, and Contributes to Nitrogen Allocation and Grain Yield. <b>2017</b> , 8, 1338	42
758	The Latex Protein MLX56 from Mulberry () Protects Plants against Insect Pests and Pathogens. <b>2017</b> , 8, 1475	8
757	Natural Transformants: Recent Results and Some Theoretical Considerations. <b>2017</b> , 8, 1600	24
756	Respiratory Burst Oxidase Homolog Gene A Is Crucial for Infection and Nodule Maturation and Function in Common Bean. <b>2017</b> , 8, 2003	29
755	Exploring the Functions of 9-Lipoxygenase (DkLOX3) in Ultrastructural Changes and Hormonal Stress Response during Persimmon Fruit Storage. <b>2017</b> , 18,	6
754	Plant regeneration from embryogenic callus derived from shoot apices and production of transgenic plants by particle inflow gun in dwarf napier grass ( Schumach.). <b>2017</b> , 34, 143-150	7
753	OPTIMIZATION OF FACTORS AFFECTING THE Agrobacterium tumefaciens- MEDIATED TRANSFORMATION OF Eucalyptus saligna. <b>2017</b> , 41,	1
752	Brassinosteroid-Induced Transcriptional Repression and Dephosphorylation-Dependent Protein Degradation Negatively Regulate BIN2-Interacting AIF2 (a BR Signaling-Negative Regulator) bHLH Transcription Factor. <b>2017</b> , 58, 227-239	18
751	Root-specific expression of defensin in transgenic tobacco results in enhanced resistance against Phytophthora parasitica var. nicotianae. <b>2018</b> , 151, 811-823	5

750	mRNA is synthesized in specialized companion cells in and Maryland Mammoth tobacco leaf veins. <b>2018</b> , 115, 2830-2835	31
749	Protocol: high-efficiency --mediated transgenic hairy root induction of var.. <b>2018</b> , 14, 17	19
748	Agrobacterium-mediated transformation of a Eucalyptus camaldulensis [E. tereticornis hybrid using peeled nodal-stem segments with yeast HAL2 for improving salt tolerance. <b>2018</b> , 49, 311-327	4
747	Functional characterization of the gene promoter for an Elaeis guineensis phosphate starvation-inducible, high affinity phosphate transporter in both homologous and heterologous model systems. <b>2018</b> , 127, 320-335	7
746	The R2R3 transcription factor HLMYB8 and its role in flavonoid biosynthesis in hop ( <i>Humulus lupulus</i> L.). <b>2018</b> , 269, 32-46	11
745	An auxin-induced [type endo-1,4-]glucanase in poplar is involved in cell expansion and lateral root formation. <b>2018</b> , 247, 1149-1161	5
744	Engineering of the <i>Trichoderma reesei</i> xylanase3 promoter for efficient enzyme expression. <b>2018</b> , 102, 2737-2752	15
743	Expression of OsWNK9 in Arabidopsis conferred tolerance to salt and drought stress. <b>2018</b> , 270, 58-71	14
742	Causative Role of Grapevine Red Blotch Virus in Red Blotch Disease. <b>2018</b> , 108, 902-909	38
741	Comparative effects of ethylene inhibitors on Agrobacterium-mediated transformation of drought-tolerant wild watermelon. <b>2018</b> , 82, 433-441	5
740	RETRACTED: WRKY71 and TGA1a physically interact and synergistically regulate the activity of a novel promoter isolated from Petunia vein-clearing virus. <b>2018</b> , 1861, 133-146	1
739	Characterization of a SUPERMAN-like Gene, MdSUP11, in apple ( <i>Malus [domestica</i> Borkh.). <b>2018</b> , 125, 136-142	3
738	Structural characterization of a novel full-length transcript promoter from Horseradish Latent Virus (HRLV) and its transcriptional regulation by multiple stress responsive transcription factors. <b>2018</b> , 96, 179-196	9
737	The Arabidopsis histone chaperone FACT is required for stress-induced expression of anthocyanin biosynthetic genes. <b>2018</b> , 96, 367-374	15
736	Disruption of OsSEC3A increases the content of salicylic acid and induces plant defense responses in rice. <b>2018</b> , 69, 1051-1064	83
735	Functional Analysis of Abscisic Acid-Stress Ripening Transcription Factor in <i>Prunus persica</i> f. atropurpurea. <b>2018</b> , 37, 85-100	2
734	Application of Tissue Culture and Transformation Techniques in Model Species <i>Brachypodium distachyon</i> . <b>2018</b> , 1667, 289-310	6
733	Characterization of promoter of EgPAL1, a novel PAL gene from the oil palm <i>Elaeis guineensis</i> Jacq. <b>2018</b> , 37, 265-278	7

732	Soybean hairy roots produced in vitro by <i>Agrobacterium rhizogenes</i> -mediated transformation. <b>2018</b> , 6, 162-171	20
731	Brachypodium Genomics. <b>2018</b> ,	1
730	OPEN GLUME1: a key enzyme reducing the precursor of JA, participates in carbohydrate transport of lodicules during anthesis in rice. <b>2018</b> , 37, 329-346	13
729	A stress-associated protein, AtSAP13, from <i>Arabidopsis thaliana</i> provides tolerance to multiple abiotic stresses. <b>2018</b> , 41, 1171-1185	34
728	In Planta transformation for conferring salt tolerance to a tissue-culture unresponsive indica rice ( <i>Oryza sativa</i> L.) cultivar. <b>2018</b> , 54, 154-165	4
727	Influence of the combination of last sense codon and stop codon on expression efficiency of green fluorescent protein gene in <i>Escherichia coli</i> when the expression vector pKK223-3. <b>2018</b> , 238, 04003	
726	Gametangia Development in the Moss <i>Physcomitrella Patens</i> . <b>2018</b> , 167-181	1
725	Molecular characterization and overexpression of and from revealed their involvement in biodegradation of cotton stalk lignin. <b>2019</b> , 8,	2
724	Development and Application of Genetic Engineering for Wheat Improvement. <b>2018</b> , 37, 335-421	15
723	coordinates lateral root emergence in common bean. <b>2018</b> , 11, 1-5	3
722	A simple and efficient agroinfiltration method in coffee leaves ( <i>L.</i> ): assessment of factors affecting transgene expression. <b>2018</b> , 8, 471	3
721	Establishment of an efficient regeneration system using heading leaves of Chinese cabbage ( <i>Brassica rapa</i> L.) and its application in genetic transformation. <b>2018</b> , 59, 583-596	4
720	Frond transformation system mediated by <i>Agrobacterium tumefaciens</i> for <i>Lemna minor</i> . <b>2018</b> , 98, 319-331	6
719	Improvement of Soybean -Mediated Transformation Efficiency by Adding Glutamine and Asparagine into the Culture Media. <b>2018</b> , 19,	26
718	Improved <i>Agrobacterium tumefaciens</i> -mediated transformation of soybean [ <i>Glycine max</i> (L.) Merr.] following optimization of culture conditions and mechanical techniques. <b>2018</b> , 54, 672-688	9
717	The Expression of Matryoshka Gene Encoding a Homologue of Kunitz Peptidase Inhibitor Is Regulated Both at the Level of Transcription and Translation. <b>2018</b> , 83, 1255-1262	0
716	Isolation and functional characterization of a novel FLOWERING LOCUS T homolog (NtFT5) in <i>Nicotiana tabacum</i> . <b>2018</b> , 231, 393-401	3
715	MiR393 and miR390 synergistically regulate lateral root growth in rice under different conditions. <b>2018</b> , 18, 261	24

714	Ectopic Expression of in Poplar and Arabidopsis Promotes Secondary Cell Wall Formation. <b>2018</b> , 9, 1262	14
713	Galactinol is involved in sequence-conserved upstream open reading frame-mediated repression of Arabidopsis HsfB1 translation. <b>2018</b> , 156, 120-129	3
712	GmGRP-like gene confers Al tolerance in Arabidopsis. <b>2018</b> , 8, 13601	3
711	Capsicum annum HsfB2a Positively Regulates the Response to Ralstonia solanacearum Infection or High Temperature and High Humidity Forming Transcriptional Cascade with CaWRKY6 and CaWRKY40. <b>2018</b> , 59, 2608-2623	21
710	Down-regulation of a Phaseolus vulgaris annexin impairs rhizobial infection and nodulation. <b>2018</b> , 153, 108-119	9
709	Identification of a novel promoter from banana aquaporin family gene (MaTIP1;2) which responses to drought and salt-stress in transgenic Arabidopsis thaliana. <b>2018</b> , 128, 163-169	18
708	Shoot regeneration process and optimization of Agrobacterium-mediated transformation in Sinningia speciosa. <b>2018</b> , 134, 301-316	1
707	Myotubularins, PtdIns5P, and ROS in ABA-mediated stomatal movements in dehydrated Arabidopsis seedlings. <b>2018</b> , 45, 259-266	6
706	Establishment of an efficient genetic transformation method in Dunaliella tertiolecta mediated by Agrobacterium tumefaciens. <b>2018</b> , 150, 9-17	8
705	Leaf-Encapsulated Vaccines: Agroinfiltration and Transient Expression of the Antigen B in Radish Leaves. <b>2018</b> , 2018, 3710961	8
704	High throughput screening of $\beta$ glucuronidase (GUS) reporter in transgenic microalgae transformed by Agrobacterium tumefaciens. <b>2018</b> , 33, 328-336	1
703	Embryogenic Callus as Target for Efficient Transformation of Enabling Gene Function Studies. <b>2018</b> , 9, 1035	9
702	A biolistic method for high-throughput production of transgenic wheat plants with single gene insertions. <b>2018</b> , 18, 135	33
701	Recombinant Promoter (MUASCsV8CP) Driven Totiviral Killer Protein 4 (KP4) Imparts Resistance Against Fungal Pathogens in Transgenic Tobacco. <b>2018</b> , 9, 278	13
700	A Novel WRKY Transcription Factor, ( Lam. Verdc.) Enhances Drought Stress Tolerance in Transgenic Groundnut ( L.) Plants. <b>2018</b> , 9, 346	45
699	Analysis of $\beta$ Galactosidase During Fruit Development and Ripening in Two Different Texture Types of Apple Cultivars. <b>2018</b> , 9, 539	19
698	Rice , Encoding a Glycosyltransferase (GT), Is Involved in Leaf Senescence. <b>2018</b> , 9, 560	21
697	Is Involved in Cold Tolerance in L. <b>2018</b> , 9, 726	9

696	Generation of Transgenic Rootstock Plum (( <i>Prunus pumila</i> L. <i>P. salicina</i> Lindl.) <i>(P. cerasifera</i> Ehrh.)) Using Hairpin-RNA Construct for Resistance to the Plum pox virus. <b>2018</b> , 8, 2	15
695	Molecular Characterization and Expression Analysis of GhWRI1 in Upland Cotton. <b>2018</b> , 61, 186-197	4
694	Expression of a Zika virus antigen in microalgae: Towards mucosal vaccine development. <b>2018</b> , 282, 86-91	23
693	In BPS1 Downregulated Roots, the BYPASS1 Signal Disrupts the Induction of Cortical Cell Divisions in Bean-Rhizobium Symbiosis. <b>2018</b> , 9,	5
692	Regulation of IAA Biosynthesis in <i>Azospirillum brasilense</i> Under Environmental Stress Conditions. <b>2018</b> , 75, 1408-1418	20
691	GROWTH-REGULATING FACTOR 9 negatively regulates arabidopsis leaf growth by controlling ORG3 and restricting cell proliferation in leaf primordia. <b>2018</b> , 14, e1007484	31
690	Genetic transformation of <i>Brachiaria brizantha</i> cv. Marandu by biolistics. <b>2018</b> , 90, 1789-1797	3
689	Characterization of wheat TaSnRK2.7 promoter in <i>Arabidopsis</i> . <b>2018</b> , 248, 1393-1401	4
688	Overexpression of 9-Epoxy-carotenoid Dioxygenase Cisgene in Grapevine Increases Drought Tolerance and Results in Pleiotropic Effects. <b>2018</b> , 9, 970	25
687	AcFT promotes kiwifruit in vitro flowering when overexpressed and <i>Arabidopsis</i> flowering when expressed in the vasculature under its own promoter. <b>2018</b> , 2, e00068	5
686	New insights into indole-3-acetic acid metabolism in <i>Azospirillum brasilense</i> . <b>2018</b> , 125, 1774	11
685	Functional analysis of a tomato ( <i>Solanum lycopersicum</i> L.) rhamnogalacturonan lyase promoter. <b>2018</b> , 229, 175-184	3
684	Identification and Functional Analysis of the Promoter of Using Heterologous Model Strains. <b>2018</b> , 19,	7
683	Regulation of Nitrogen Fixation in sp. Strain DOA9 Involves Two Distinct NifA Regulatory Proteins That Are Functionally Redundant During Symbiosis but Not During Free-Living Growth. <b>2018</b> , 9, 1644	13
682	pGVG: a new Gateway-compatible vector for transformation of sugarcane and other monocot crops. <b>2018</b> , 41, 450-454	3
681	Dissecting promoter of gene showing petal-specific expression. <b>2018</b> , 35, 243-248	0
680	A versatile and robust <i>Agrobacterium</i> -based gene stacking system generates high-quality transgenic <i>Arabidopsis</i> plants. <b>2018</b> , 95, 573	31
679	Xylem specific activation of 5' upstream regulatory region of two NAC transcription factors ( <i>MusaVND6</i> and <i>MusaVND7</i> ) in banana is regulated by SNBE-like sites. <b>2018</b> , 13, e0192852	7

678	Plant growth-promoting rhizobacteria associated with avocado display antagonistic activity against <i>Phytophthora cinnamomi</i> through volatile emissions. <b>2018</b> , 13, e0194665	39
677	<i>Arabidopsis</i> ICK/KRP cyclin-dependent kinase inhibitors function to ensure the formation of one megaspore mother cell and one functional megaspore per ovule. <b>2018</b> , 14, e1007230	19
676	A CsTu-TS1 regulatory module promotes fruit tubercule formation in cucumber. <b>2019</b> , 17, 289-301	17
675	A sugarcane mosaic virus' vector for gene expression in maize. <b>2019</b> , 3, e00158	5
674	Both male and female gametogenesis require a fully functional protein S-acyl transferase 21 in <i>Arabidopsis thaliana</i> . <b>2019</b> , 100, 754-767	6
673	BEL1-like protein (StBEL5) regulates CYCLING DOF FACTOR1 (StCDF1) through tandem TGAC core motifs in potato. <b>2019</b> , 241, 153014	11
672	The specific MYB binding sites bound by TaMYB in the GAPCp2/3 promoters are involved in the drought stress response in wheat. <b>2019</b> , 19, 366	9
671	Functional Analysis of the Marigold ( <i>Tagetes erecta</i> ) Lycopene Cyclyase (TeLCYe) Promoter in Transgenic Tobacco. <b>2019</b> , 61, 703-713	4
670	Systematic identification of long noncoding RNAs expressed during light-induced anthocyanin accumulation in apple fruit. <b>2019</b> , 100, 572-590	50
669	Transgene stacking in potato using the GAENTRY system. <b>2019</b> , 12, 457	5
668	TaWRKY40 transcription factor positively regulate the expression of TaGAPC1 to enhance drought tolerance. <b>2019</b> , 20, 795	10
667	The grapevine R2R3-type MYB transcription factor VdMYB1 positively regulates defense responses by activating the stilbene synthase gene 2 (VdSTS2). <b>2019</b> , 19, 478	12
666	Groundnut conferred abiotic stress tolerance in transgenic banana through modulation of the ascorbate-glutathione pathway. <b>2019</b> , 25, 1349-1366	3
665	VqbZIP1 isolated from Chinese wild <i>Vitis quinquangularis</i> is involved in the ABA signaling pathway and regulates stilbene synthesis. <b>2019</b> , 287, 110202	9
664	Disruption of the <i>Lotus japonicus</i> transporter LjNPF2.9 increases shoot biomass and nitrate content without affecting symbiotic performances. <b>2019</b> , 19, 380	7
663	Optimizing the particle bombardment conditions in cell suspension cultures of <i>Nicotiana tabacum</i> and expression of the recombinant antihypertensive amarantin. <b>2019</b> , 125, 329-336	
662	Dissecting conserved cis-regulatory modules of Glu-1 promoters which confer the highly active endosperm-specific expression via stable wheat transformation. <b>2019</b> , 7, 8-18	7
661	Association between sheath blight resistance and chitinase activity in transgenic rice plants expressing McCHIT1 from bitter melon. <b>2019</b> , 28, 381-390	5

660	Establishment of Efficient Genetic Transformation Systems and Application of CRISPR/Cas9 Genome Editing Technology in p DC. Fisch. and l White Heaven. <b>2019</b> , 20,	34
659	Indirect somatic embryogenesis and Agrobacterium-mediated transient transformation of ginger ( <i>Zingiber officinale</i> Rosc.) using leaf sheath explants. <b>2019</b> , 94, 753-760	1
658	Heat-shock-inducible CRISPR/Cas9 system generates heritable mutations in rice. <b>2019</b> , 3, e00145	38
657	Transcript expression profiling in two contrasting cultivars and molecular cloning of a SKP-1 like gene, a component of SCF-ubiquitin proteasome system from mungbean <i>Vigna radiate</i> L. <b>2019</b> , 9, 8103	4
656	Molecular cloning and functional characterization of a seed-specific VvVPE gene promoter from <i>Vitis vinifera</i> . <b>2019</b> , 250, 657-665	6
655	Protein S-acyl transferase 15 is involved in seed triacylglycerol catabolism during early seedling growth in <i>Arabidopsis</i> . <b>2019</b> , 70, 5205-5216	3
654	Microprojectile based particle bombardment in development of transgenic indica rice involving AmSOD gene to impart tolerance to salinity. <b>2019</b> , 19, 100183	13
653	and Genes Pyramiding Enhanced Beet Cyst Nematode ( <i>Schm.</i> ) Resistance in Oilseed Rape ( <i>L.</i> ). <b>2019</b> , 20,	13
652	Acquirement of CRY8DB Transgenic Tall Fescue ( <i>Festuca arundinacea</i> Schreb.) by <i>Agrobacterium tumefaciens</i> to Develop Resistance Against <i>Pentodon idiota</i> Herbst. <b>2019</b> , 61, 528-540	1
651	Identification of transcription factors of nitrate reductase gene promoters and NRE2 cis-element through yeast one-hybrid screening in <i>Nicotiana tabacum</i> . <b>2019</b> , 19, 145	6
650	Genome-Wide Characterization and Expression Analysis of Soybean TGA Transcription Factors Identified a Novel TGA Gene Involved in Drought and Salt Tolerance. <b>2019</b> , 10, 549	22
649	TIR1 auxin receptors are implicated in the differential response to 4-Cl-IAA and IAA in developing pea fruit. <b>2019</b> , 70, 1239-1253	7
648	Design of a multiepitopic Zaire ebolavirus protein and its expression in plant cells. <b>2019</b> , 295, 41-48	6
647	Genetic Modification for Wheat Improvement: From Transgenesis to Genome Editing. <b>2019</b> , 2019, 6216304	41
646	Factors affecting genetic transformation by particle bombardment of the prickly pear cactus (). <b>2019</b> , 9, 98	2
645	Embryonic resetting of the parental vernalized state by two B3 domain transcription factors in <i>Arabidopsis</i> . <b>2019</b> , 5, 424-435	31
644	Efficient genetic transformation and CRISPR/Cas9-mediated genome editing in <i>Lemna aquinoctialis</i> . <b>2019</b> , 17, 2143-2152	14
643	Isolation and functional validation of the CmLOX08 promoter associated with signalling molecule and abiotic stress responses in oriental melon, <i>Cucumis melo</i> var. <i>makuwa</i> Makino. <b>2019</b> , 19, 75	7



642	Genome wide analysis of W-box element in <i>Arabidopsis thaliana</i> reveals TGAC motif with genes down regulated by heat and salinity. <b>2019</b> , 9, 1681	14
641	Trans-Graft Protection Against Pierce's Disease Mediated by Transgenic Grapevine Rootstocks. <b>2019</b> , 10, 84	16
640	Silencing of NbCMT3s has Pleiotropic Effects on Development by Interfering with Autophagy-Related Genes in <i>Nicotiana benthamiana</i> . <b>2019</b> , 60, 1120-1135	3
639	Optimisation of Adventitious Shoot Regeneration and Agrobacterium-mediated Transformation in <i>Canna generalis</i> (Canna Lily). <b>2019</b> , 5, 39-46	9
638	Gene flow was not detected from a field trial of transgenic plum cv. HoneySweet [Short Communication]. <b>2019</b> , 55, 90-92	
637	The Effect of Squalene Addition In-Vitro to Increase Asiaticoside Hairy Root Culture of <i>Centella asiatica</i> (L.) Urban. <b>2019</b> , 347, 012029	
636	Application of Beta-Glucuronidase Transient Expression for Selection of Maize Genotypes Competent for Genetic Transformation. <b>2019</b> , 53, 451-458	1
635	Identification of novel MYB transcription factors involved in the isoflavone biosynthetic pathway by using the combination screening system with agroinfiltration and hairy root transformation. <b>2019</b> , 36, 241-251	6
634	Mutation of RGG2, which encodes a type B heterotrimeric G protein $\beta$ subunit, increases grain size and yield production in rice. <b>2019</b> , 17, 650-664	25
633	The ROSEA1 and DELILA transcription factors control anthocyanin biosynthesis in <i>Nicotiana benthamiana</i> and <i>Lilium</i> flowers. <b>2019</b> , 243, 327-337	8
632	Tissue Culture and Genetic Transformation in <i>Sorghum bicolor</i> . <b>2019</b> , 115-130	1
631	Auxin-mediated Aux/IAA-ARF-HB signaling cascade regulates secondary xylem development in <i>Populus</i> . <b>2019</b> , 222, 752-767	34
630	RPW8 promoter is involved in pathogen-And stress-inducible expression from <i>Vitis pseudoreticulata</i> . <b>2019</b> , 167, 65-74	2
629	Biolistic Transformation of Cotton Embryogenic Cell Suspension Cultures. <b>2019</b> , 1902, 55-66	2
628	Investigation of the Family in Soybean and the Promoter Activity of in Heat Stress and Hormone Responses. <b>2019</b> , 20,	14
627	BSD2 is a Rubisco-specific assembly chaperone, forms intermediary hetero-oligomeric complexes, and is nonlimiting to growth in tobacco. <b>2019</b> , 42, 1287-1301	17
626	Efficient plant regeneration and Agrobacterium-mediated transformation via somatic embryogenesis in purslane ( <i>Portulaca oleracea</i> L.): an important medicinal plant. <b>2019</b> , 136, 231-245	14
625	Enhanced Agrobacterium-mediated transformation efficiency of banana cultivar Grand Naine by reducing oxidative stress. <b>2019</b> , 246, 675-685	6



624	Agrobacterium rhizogenes-mediated transformation of a dioecious plant model <i>Silene latifolia</i> . <b>2019</b> , 48, 20-28	12
623	Agrobacterium tumefaciens-mediated transformation of <i>Eucalyptus urophylla</i> clone BRS07-01. <b>2020</b> , 31, 507-519	5
622	Ectopic expression of an antisense BpCCoAOMT gene from <i>Betula platyphylla</i> Suk. affects growth and development of tobacco due to lignin content reduction. <b>2020</b> , 29, 266-275	1
621	The application of the Cre-loxP technology in banana. <b>2020</b> , 140, 105-114	1
620	MusaMPK5, a mitogen activated protein kinase is involved in regulation of cold tolerance in banana. <b>2020</b> , 146, 112-123	8
619	Vascular bundle sheath and mesophyll cells modulate leaf water balance in response to chitin. <b>2020</b> , 101, 1368-1377	7
618	The mismatch repair protein MSH6 regulates somatic recombination in <i>Arabidopsis thaliana</i> . <b>2020</b> , 87, 102789	3
617	Composite plants for a composite plant: an efficient protocol for root studies in the sunflower using composite plants approach. <b>2020</b> , 140, 647-659	3
616	Protein phosphatase 2A alleviates cadmium toxicity by modulating ethylene production in <i>Arabidopsis thaliana</i> . <b>2020</b> , 43, 1008-1022	7
615	Ectopic over-expression of ABA-responsive Chickpea galactinol synthase (CaGols) gene results in improved tolerance to dehydration stress by modulating ROS scavenging. <b>2020</b> , 171, 103957	17
614	Developmental, hormone- and stress-modulated expression profiles of four members of the <i>Arabidopsis</i> copper-amine oxidase gene family. <b>2020</b> , 147, 141-160	8
613	Exogenous polyamines enhance somatic embryogenesis and <i>Agrobacterium tumefaciens</i> -mediated transformation efficiency in sugarcane ( <i>Saccharum</i> spp. hybrid). <b>2020</b> , 56, 29-40	9
612	Mutation in <i>OscADT1</i> enhances cadmium tolerance and enriches selenium in rice grain. <b>2020</b> , 226, 838-850	17
611	Cytosolic glyceraldehyde-3-phosphate dehydrogenase 2/5/6 increase drought tolerance via stomatal movement and reactive oxygen species scavenging in wheat. <b>2020</b> , 43, 836-853	6
610	Analysis of the Promoter of <i>Emb5</i> from <i>Zea mays</i> Identifies a Region of 523 bp Responsible for Its Embryo-Specific Activity. <i>Plant Molecular Biology Reporter</i> , <b>2020</b> , 39, 288	1.7 2
609	An effective method for Agrobacterium-mediated transformation of L. using cotyledon explants. <b>2020</b> , 11, 1146-1158	0
608	AaABCG40 Enhances Artemisinin Content and Modulates Drought Tolerance in <i>A. annua</i> . <b>2020</b> , 11, 950	5
607	FHY3 and FAR1 Integrate Light Signals with the miR156-SPL Module-Mediated Aging Pathway to Regulate <i>Arabidopsis</i> Flowering. <b>2020</b> , 13, 483-498	30

606	Tailoring enhanced production of aervine in <i>Aerva lanata</i> (L.) Juss. Ex Schult by <i>Agrobacterium rhizogenes</i> - mediated hairy root cultures. <b>2020</b> , 155, 112814	8
605	The determination of a novel inducible WY172 promoter derived from <i>Oidium heveae</i> HO-73. <b>2020</b> , 143, 377-387	
604	Characterization and identification of OsFTL8 gene in rice. <b>2020</b> , 14, 683-694	2
603	Role of myo-inositol during skotomorphogenesis in <i>Arabidopsis</i> . <b>2020</b> , 10, 17329	1
602	Effects of 4-bromodiphenyl ether on the adventitious root differentiation of tissue culture seedlings of <i>Triarrhena sacchariflora</i> . <b>2020</b> , 24, 283-292	0
601	The volatile organic compounds of <i>Floccularia luteovirens</i> modulate plant growth and metabolism in <i>Arabidopsis thaliana</i> . <b>2020</b> , 456, 207-221	4
600	Assessment of biolistic and <i>Agrobacterium</i> -mediated genetic transformation methods in <i>Cenchrus ciliaris</i> . <b>2020</b> , 63, 303-312	1
599	Design of orthogonal regulatory systems for modulating gene expression in plants. <b>2020</b> , 16, 857-865	22
598	OsPP2C09, a negative regulatory factor in abscisic acid signalling, plays an essential role in balancing plant growth and drought tolerance in rice. <b>2020</b> , 227, 1417-1433	9
597	Genetic engineering of eggplant accumulating $\beta$ carotene in fruit. <b>2020</b> , 39, 1029-1039	6
596	Flagellin of <i>Bacillus amyloliquefaciens</i> works as a resistance inducer against groundnut bud necrosis virus in chilli ( <i>Capsicum annuum</i> L.). <b>2020</b> , 165, 1585-1597	6
595	Co-Inoculation of Strain S141 and Strains Promotes Nodule Growth and Nitrogen Fixation. <b>2020</b> , 8,	19
594	An Efficient <i>Agrobacterium</i> -Mediated Genetic Transformation Using Embryonic Axis in Cotton ( <i>Gossypium hirsutum</i> L.). <b>2020</b> , 67, 581-587	2
593	Glutaredoxin represses transcriptional and developmental responses to nitrate in roots. <b>2020</b> , 4, e00227	6
592	The trihelix transcription factor OsGTE2 is involved adaption to salt stress in rice. <b>2020</b> , 103, 545-560	15
591	The functional characterization of LjNRT2.4 indicates a novel, positive role of nitrate for an efficient nodule N -fixation activity. <b>2020</b> , 228, 682-696	9
590	The Tobacco Plant Genome. <b>2020</b> ,	1
589	Actin Depolymerizing Factor Modulates Rhizobial Infection and Nodule Organogenesis in Common Bean. <b>2020</b> , 21,	3

588	Data on optimization of microprojectile bombardment parameters in development of salinity tolerant transgenic lines. <b>2020</b> , 29, 105305	
587	Leaf-Wounding Long-Distance Signaling Targets AtCuAO $\beta$ Leading to Root Phenotypic Plasticity. <b>2020</b> , 9,	5
586	In silico mining and functional analysis of AP2/ERF gene in <i>Withania somnifera</i> . <b>2020</b> , 10, 4877	7
585	OsEUL Lectin Gene Expression in Rice: Stress Regulation, Subcellular Localization and Tissue Specificity. <b>2020</b> , 11, 185	8
584	New planar assay for streamlined detection and quantification of $\beta$ -glucuronidase inhibitors applied to botanical extracts. <b>2020</b> , 4, 100039	5
583	Peptide signaling for drought-induced tomato flower drop. <b>2020</b> , 367, 1482-1485	38
582	Changes in the promoter of a defender against apoptotic cell death gene affect its expression in upland cotton. <b>2020</b> , 59, 1018	0
581	The ATP-binding cassette transporter OsPDR1 regulates plant growth and pathogen resistance by affecting jasmonates biosynthesis in rice. <b>2020</b> , 298, 110582	7
580	Drought-induced protein (Di19-3) plays a role in auxin signaling by interacting with IAA14 in <i>Arabidopsis</i> . <b>2020</b> , 4, e00234	4
579	Expression of immunogenic poliovirus Sabin type 1 VP proteins in transgenic tobacco. <b>2020</b> , 322, 10-20	3
578	Genome-wide identification and expression profiling of the YUCCA gene family in <i>Malus domestica</i> . <b>2020</b> , 10, 10866	4
577	Physicochemical factors modulate regeneration and <i>Agrobacterium</i> -mediated genetic transformation of recalcitrant indica rice cultivars - ASD16 and IR64. <b>2020</b> , 24, 101519	3
576	The WRKY53 transcription factor enhances stilbene synthesis and disease resistance by interacting with MYB14 and MYB15 in Chinese wild grape. <b>2020</b> , 71, 3211-3226	15
575	A long non-coding apple RNA, MSTRG.85814.11, acts as a transcriptional enhancer of SAUR32 and contributes to the Fe-deficiency response. <b>2020</b> , 103, 53-67	14
574	Involvement of Xyr1 and Are1 for <i>Trichoderma</i> pepsin Gene Expression in Response to Cellulose and Galactose in <i>Trichoderma reesei</i> . <b>2020</b> , 77, 1506-1517	2
573	Production of bioactive human IFN- $\beta$ protein by agroinfiltration in tobacco. <b>2020</b> , 173, 105616	5
572	The grape ubiquitin ligase VpRH2 is a negative regulator in response to ABA treatment. <b>2020</b> , 251, 88	2
571	Targeted de novo promoter methylation for gene silencing is maintained in the next generation of a transgenic tobacco plant. <b>2020</b> , 61, 291-303	

570	SLENDER RICE1 and INDETERMINATE DOMAIN2 Regulating OsmiR396 Are Involved in Stem Elongation. <b>2020</b> , 182, 2213-2227	12
569	/ Complex Participates in Rice Male and Female Development. <b>2020</b> , 11, 518	3
568	Grapevine U-Box E3 Ubiquitin Ligase VIPUB38 Negatively Regulates Fruit Ripening by Facilitating Abscisic-Aldehyde Oxidase Degradation. <b>2021</b> , 61, 2043-2054	6
567	Day and blue light modify growth, cell physiology and indole-3-acetic acid production of <i>Azospirillum brasilense</i> Az39 under planktonic growth conditions. <b>2021</b> , 130, 1671-1683	2
566	The Polycomb group methyltransferase StE(z)2 and deposition of H3K27me3 and H3K4me3 regulate the expression of tuberization genes in potato. <b>2021</b> , 72, 426-444	2
565	Deconvoluting apocarotenoid-mediated retrograde signaling networks regulating plastid translation and leaf development. <b>2021</b> , 105, 1582-1599	8
564	Analysis of $\beta$ -glucan biosynthetic genes in oat reveals glucan synthesis regulation by light. <b>2021</b> , 127, 371-380	3
563	Translational enhancement conferred by the 3'UTR region of a transcript encoding a group 6 late embryogenesis abundant protein. <b>2021</b> , 182, 104310	
562	Transcription factor CsDOF regulates glutamine metabolism in tea plants ( <i>Camellia sinensis</i> ). <b>2021</b> , 302, 110720	5
561	Glycine max NNL1 restricts symbiotic compatibility with widely distributed bradyrhizobia via root hair infection. <b>2021</b> , 7, 73-86	15
560	Agrobacterium-mediated transformation of plants. <b>2021</b> , 171-193	
559	A GPAT1 Mutation in Arabidopsis Enhances Plant Height but Impairs Seed Oil Biosynthesis. <b>2021</b> , 22,	0
558	The 5'-upstream region of WRKY18 transcription factor from banana is a stress-inducible promoter with strong expression in guard cells. <b>2021</b> , 173, 1335-1350	2
557	Overexpression of Df4CL1 from <i>Dryopteris fragrans</i> Enhances Flavonoids and Lignin Production in Transgenic Tobacco. <b>2021</b> , 68, 110-117	
556	Changes of lignin biosynthesis in tobacco leaves during maturation. <b>2021</b> , 48, 624-633	3
555	Multomics Technologies and Genetic Modification in Plants: Rationale, Opportunities and Reality. <b>2021</b> , 313-328	0
554	Plant buffering against the high-light stress-induced accumulation of CsGA2ox8 transcripts via alternative splicing to finely tune gibberellin levels and maintain hypocotyl elongation. <b>2021</b> , 8, 2	6
553	The steroid-inducible pOp6/LhGR gene expression system is fast, sensitive and does NOT cause plant growth defects in rice ( <i>Oryza sativa</i> ).	

552	Rice MutL, the MLH1-MLH3 heterodimer, participates in the formation of type I crossovers and regulation of embryo sac fertility. <b>2021</b> , 19, 1443-1455	5
551	The Core Chemotaxis Proteins CheA1 and CheA4 Link Chemotaxis Signaling with Nitrogen Metabolism. <b>2021</b> , 6,	4
550	APICAL SPIKELET ABORTION (ASA) Controls Apical Panicle Development in Rice by Regulating Salicylic Acid Biosynthesis. <b>2021</b> , 12, 636877	2
549	Seedling-derived leaf and root tip as alternative explants for callus induction and plant regeneration in maize. <b>2021</b> , 172, 1570-1581	2
548	DIVERSIFY: A Fungal Multispecies Gene Expression Platform. <b>2021</b> , 10, 579-588	3
547	Developing a long-term and powerful in vitro culture and Agrobacterium-mediated transformation system for Miscanthus sinensis (Poaceae). <b>2021</b> , 161, 113190	3
546	Nucleoside derivatives of 5-methylcytosine suppress 5-azacytidine-induced reactivation of a silent transgene in suspension-cultured tobacco cells. <b>2021</b> , 38, 173-178	2
545	AtSTP8, an endoplasmic reticulum-localised monosaccharide transporter from Arabidopsis, is recruited to the extrahaustorial membrane during powdery mildew infection. <b>2021</b> , 230, 2404-2419	2
544	The rice aldehyde oxidase OsAO3 gene regulates plant growth, grain yield, and drought tolerance by participating in ABA biosynthesis. <b>2021</b> , 548, 189-195	5
543	RNAi-mediated down-regulation of ITPK-2 enhanced inorganic phosphorus and minerals in the transgenic rice. <b>2021</b> , 46, 1	0
542	Target of rapamycin, PvTOR, is a key regulator of arbuscule development during mycorrhizal symbiosis in Phaseolus. <b>2021</b> , 11, 11319	0
541	Efficiency of Agrobacterium tumefaciens-mediated transformation of tobacco (Nicotiana tabacum L.) with rice OsNAC6 gene. <b>2021</b> , 762, 012062	0
540	VvHDZ28 positively regulate salicylic acid biosynthesis during seed abortion in Thompson Seedless. <b>2021</b> , 19, 1824-1838	7
539	Transient silencing of VvCSN5 enhances powdery mildew resistance in grapevine (Vitis vinifera). <b>2021</b> , 146, 621-633	3
538	An efficient transient transformation system for gene function studies in pumpkin (Cucurbita moschata D.). <b>2021</b> , 282, 110028	0
537	Phytochrome Mediated Responses in Agrobacterium fabrum: Growth, Motility and Plant Infection. <b>2021</b> , 78, 2708-2719	1
536	Tissue Culture- and Selection-Independent Agrobacterium tumefaciens-Mediated Transformation of a Recalcitrant Grain Legume, Cowpea (Vigna unguiculata L. Walp). <b>2021</b> , 63, 710-718	
535	Apple MPK4 mediates phosphorylation of MYB1 to enhance light-induced anthocyanin accumulation. <b>2021</b> , 106, 1728-1745	7

534	-Mediated Nuclear Transformation of a Biotechnologically Important Microalga-. <b>2021</b> , 22,	2
533	Analysis of expression characteristics of soybean leaf and root tissue-specific promoters in Arabidopsis and soybean. <b>2021</b> , 30, 799-810	3
532	Two citrus KNAT-like genes, CsKN1 and CsKN2, are involved in the regulation of spring shoot development in sweet orange. <b>2021</b> , 72, 7002-7019	2
531	HYS regulates light-responsive transcription of microRNA163 to promote primary root elongation in Arabidopsis seedlings. <b>2021</b> , 63, 1437-1450	4
530	Expression Patterns and Functional Characterisation of Arabidopsis GALACTOSE OXIDASE-LIKE (GOXL) Genes Suggest Specialised Roles for Galactose Oxidases in Plants. <b>2021</b> ,	2
529	ATBS1-INTERACTING FACTOR 2 Negatively Modulates Pollen Production and Seed Formation in. <b>2021</b> , 12, 704958	0
528	Transcription factor MaMADS36 plays a central role in regulating banana fruit ripening. <b>2021</b> , 72, 7078-7091	2
527	VqMYB154 promotes polygene expression and enhances resistance to pathogens in Chinese wild grapevine. <b>2021</b> , 8, 151	4
526	The long noncoding RNA MdLNC499 bridges MdWRKY1 and MdERF109 function to regulate early-stage light-induced anthocyanin accumulation in apple fruit. <b>2021</b> , 33, 3309-3330	16
525	A CCaMK/Cyclops response element in the promoter of <i>L. japonicus</i> Calcium-Binding Protein 1 (CBP1) mediates transcriptional activation in root symbioses.	
524	The Gene Is Involved in the Auxin Dependent Root Developmental Program. <b>2021</b> , 22,	0
523	Analysis of a gene family for PDF-like peptides from Arabidopsis. <b>2021</b> , 11, 18948	
522	Elucidating the mechanism of MaGWD1-mediated starch degradation cooperatively regulated by MaMADS36 and MaMADS55 in banana. <b>2021</b> , 179, 111587	2
521	Establishment of Agrobacterium tumefaciens - mediated genetic transformation of apple pathogen Marssonina coronaria using marker genes under the control of CaMV 35S promoter. <b>2021</b> , 253, 126878	1
520	Establishment of efficient callus genetic transformation system for Pyrus armeniacaefolia. <b>2021</b> , 289, 110429	1
519	Establishment of a firefly luciferase reporter assay system in the unicellular red alga Cyanidioschyzon merolae. <b>2021</b> , 67, 42-46	1
518	Development of efficient synthetic promoters derived from pararetrovirus suitable for translational research. <b>2021</b> , 253, 42	3
517	The ectopic expression of Arabidopsis glucosyltransferase UGT74D1 affects leaf positioning through modulating indole-3-acetic acid homeostasis. <b>2021</b> , 11, 1154	1

516	Plant Transformation Technology: Agrobacterium-Mediated Transformation.	3
515	Somatic Embryogenesis and Genetic Transformation in <i>Pinus radiata</i> . <b>2005</b> , 11-24	17
514	Omorika Spruce ( <i>Picea omorika</i> ). <b>2005</b> , 35-45	2
513	Transient gene expression of chimeric genes in cells and tissues of crops. <b>1991</b> , 17, 143-66	2
512	Genetic Engineering of Oat. <b>1994</b> , 37-46	11
511	Transgenic Grain Sorghum ( <i>Sorghum bicolor</i> ) Plants via Agrobacterium. <b>1994</b> , 47-53	7
510	Polyphenol Oxidase. <b>1994</b> , 275-312	61
509	The Induction of the Heat Shock Response: Activation and Expression of Chimaeric Heat Shock Genes in Transgenic Plants. <b>1991</b> , 685-694	5
508	Molecular farming of industrial proteins from transgenic maize. <b>1999</b> , 464, 127-47	58
507	New Approaches for Agricultural Molecular Biology: From Single Cells to Field Analysis. <b>1990</b> , 365-400	6
506	Induced Mutations [An Integrating Tool in Genetics and Plant Breeding. <b>1990</b> , 127-162	8
505	Bioengineering Resistance to Sedentary Endoparasitic Nematodes. <b>1994</b> , 221-230	8
504	Citrus transformation using juvenile tissue explants. <b>2015</b> , 1224, 245-57	13
503	Citrus transformation using mature tissue explants. <b>2015</b> , 1224, 259-73	12
502	Coffee ( <i>Coffea arabica</i> L.). <b>2015</b> , 1224, 275-91	7
501	Cassava ( <i>Manihot esculenta</i> Crantz). <b>2015</b> , 1224, 67-83	2
500	Maize, tropical ( <i>Zea mays</i> L.). <b>2015</b> , 1223, 119-34	3
499	Reporter genes. <b>2009</b> , 478, 39-69	3

498	Genetic Problems and Gene Technology. <b>2020</b> , 337-435	1
497	Transgenic Amaranth ( <i>Amaranthus hypochondriacus</i> ). <b>2001</b> , 13-25	1
496	Transgenic Grapes ( <i>Vitis</i> Species). <b>2001</b> , 325-338	8
495	Genetic Transformation in <i>Dendrobium</i> (Orchid). <b>1995</b> , 145-155	1
494	Genetic Transformation in <i>Musa</i> Species (Banana). <b>1995</b> , 214-227	3
493	Genetic Transformation in <i>Prunus persica</i> (Peach) and <i>Prunus domestica</i> (Plum). <b>1995</b> , 255-268	6
492	Transformation in Maize Using Low Voltage Electric Current. <b>1994</b> , 252-261	1
491	Transgenic Poplar Trees ( <i>Populus</i> Species). <b>2000</b> , 221-244	3
490	Transgenic Coffee ( <i>Coffea</i> Species). <b>2000</b> , 55-76	5
489	Transgenic Eucalyptus. <b>2000</b> , 88-114	4
488	Transgenic Peanut ( <i>Arachis hypogaea</i> ). <b>2000</b> , 209-224	2
487	Transgenic Pearl Millet ( <i>Pennisetum glaucum</i> ). <b>2000</b> , 84-108	11
486	Lessons in gene transfer to plants by a gifted microbe. <b>1999</b> , 240, 21-57	29
485	Uptake and Integration of Exogenous DNA in Plants. <b>1989</b> , 54-74	2
484	Transformation in <i>Eustoma grandiflorum</i> ( <i>Lisianthus</i> ). <b>1993</b> , 202-212	12
483	Transformation in <i>Solanum melongena</i> L. (Eggplant). <b>1993</b> , 320-328	2
482	Transformation in Citrus. <b>1993</b> , 194-208	1
481	Transformation in Cassava ( <i>Manihot esculenta</i> Crantz). <b>1993</b> , 273-289	8



480	Genetic and Molecular Evidences of the Regulation of Gene Expression during Heat Shock in Plants. <b>1994</b> , 157-190	2
479	Gene Transfer to Protoplasts: Transient Gene Expression Analysis. <b>1995</b> , 106-111	2
478	Selectable Marker and Reporter Genes. <b>1995</b> , 325-336	5
477	Introduction II Agrobacterium-rhizogenes,a Natural Transformation System. <b>1995</b> , 30-38	3
476	Transgenic Plants in Biochemistry and Plant Physiology. <b>1998</b> , 534-569	2
475	Transformation and Foreign Gene Expression. <b>1993</b> , 148-167	3
474	Transformation of Norway Spruce ( <i>Picea abies</i> ) by Particle Bombardment. <b>2003</b> , 127-146	4
473	Genetic Transformation in <i>Actinidia deliciosa</i> (Kiwifruit). <b>1994</b> , 193-214	1
472	Genetic Transformation of Trees in the Casuarinaceae Family. <b>1994</b> , 257-274	2
471	Genetic Transformation of <i>Cyphomandra betacea</i> (Tamarillo). <b>1994</b> , 275-288	1
470	Genetic Transformation of the Moss <i>Physcomitrella patens</i> . <b>1994</b> , 349-364	18
469	Genetic Transformation in <i>Ulmus</i> Species (Elms). <b>1994</b> , 401-410	3
468	Genetic Transformation in <i>Avena sativa</i> L. (Oat). <b>1996</b> , 178-190	4
467	Genetic Transformation in Raspberries and Blackberries ( <i>Rubus</i> Species). <b>1996</b> , 297-307	2
466	Transgenic <i>Antirrhinum</i> (Snapdragon). <b>2001</b> , 16-26	1
465	Casuarina and Allocasuarina Species. <b>1996</b> , 76-94	3
464	Regulatory Elements Controlling Developmental and Stress-induced Expression of Phenylpropanoid Genes. <b>1992</b> , 303-326	5
463	Regulation of a class of auxin-induced genes in cell-suspension cultures from <i>Nicotiana tabacum</i> . <b>1996</b> , 41-48	5

462	Production of fertile transgenic wheat by microprojectile bombardment. <b>1996</b> , 1-18	3
461	Gene Expression of Peppercarboxylase Gene. <b>1992</b> , 843-846	2
460	Genetic Transformation and Plant Improvement. <b>1990</b> , 299-337	6
459	Methods to Quantify Nematophagous Fungi in Soil: Microscopy or Gus Gene Activity. <b>1996</b> , 71-75	1
458	Monitoring growth of <i>Bipolaris sorokiniana</i> in plant tissue using GUS (β-glucuronidase) as a marker. <b>1996</b> , 85-89	2
457	Intrinsic GUS-Like Activity. <b>1990</b> , 195-200	2
456	Expression of Chimeric Genes in Developing Embryos Derived from Isolated Microspores from Transgenic BrassicaNapus Plants. <b>1990</b> , 410-415	3
455	Regulation of isoflavonoid metabolism in alfalfa. <b>1994</b> , 213-220	1
454	Application of Haploidy in Genetic Manipulation of Canola. <b>1995</b> , 143-148	2
453	Transformation of lily by <i>Agrobacterium</i> . <b>1995</b> , 97-100	1
452	Tissue culture approaches to peach improvement. <b>1994</b> , 389-393	1
451	Somatic embryogenesis in mango ( <i>Mangifera indica</i> L.). <b>1995</b> , 341-356	12
450	PEG-mediated direct gene transfer and electroporation. <b>1994</b> , 1-16	21
449	Visualizing protein import into the plant cell nucleus. <b>1994</b> , 551-566	1
448	Specialized vectors for gene tagging and expression studies. <b>1994</b> , 53-74	27
447	Genetic manipulation of <i>Agrobacterium tumefaciens</i> strains to improve transformation of recalcitrant plant species. <b>1994</b> , 85-97	1
446	Somatic Embryogenesis in Slash Pine ( <i>Pinus Elliottii</i> Engelm.). <b>1995</b> , 183-195	16
445	Substrate Specificity of Plant Recombinases Determined in Extrachromosomal Recombination Systems. <b>1994</b> , 123-155	8

444	Studies of the Potential for Expression of Nitrogenase Fe-Protein in Cells of Higher Plants. <b>1991</b> , 659-669	5
443	Phaseolin: its Past, Properties, Regulation and Future. <b>1999</b> , 209-240	6
442	Seed Oleosins. <b>1999</b> , 781-806	1
441	Agrobacterium-Mediated Stable Transformation of Barley ( <i>Hordeum vulgare</i> L.). <b>1999</b> , 231-234	1
440	Somatic Embryogenesis of Avocado ( <i>Persea americana</i> Mill.). <b>1999</b> , 197-214	10
439	Somatic Embryogenesis in Tea ( <i>Camellia sinensis</i> (L.) O. Kuntze). <b>1999</b> , 239-257	13
438	Transgenic Cereals: <i>Avena sativa</i> (oat). <b>1999</b> , 317-339	1
437	Expression and Regulation of Transgenes for Selection of Transformants and Modification of Traits in Cereals. <b>1999</b> , 83-131	1
436	Transgenic Cereals [ <i>Zea mays</i> (maize)]. <b>1999</b> , 189-253	4
435	Molecular wheat breeding by direct gene transfer. <b>1997</b> , 285-289	2
434	Colonization and <i>nifH</i> expression on rice roots by <i>Alcaligenes faecalis</i> A15. <b>1998</b> , 167-177	7
433	Coffee ( <i>Coffea</i> Sp.) Genetic Transformation for Insect Resistance. <b>2000</b> , 209-217	2
432	Genetic Transformation of <i>Hevea Brasiliensis</i> (Rubber Tree) and Its Applications towards Crop Improvement and Production of Recombinant Proteins of Commercial Value. <b>2000</b> , 305-325	4
431	Genetic Engineering of Conifers for Plantation Forestry <i>Pinus radiata</i> Transformation. <b>2000</b> , 79-104	10
430	Isolation and Characterization of Two Different Microsomal $\Delta^5$ Desaturase Genes in Cotton ( <i>Gossypium Hirsutum</i> L.). <b>1997</b> , 383-385	4
429	Direct DNA transfer into intact plant cells and recovery of transgenic plants via microprojectile bombardment. <b>1990</b> , 33-54	2
428	Factors affecting <i>Agrobacterium tumefaciens</i> -mediated transformation in several black poplar clones. <b>1995</b> , 43, 215-222	7
427	Recovery of primary transformants of soybean. <b>1989</b> , 7, 615-7	28

426	PEG-mediated expression of GUS and CAT genes in protoplasts from embryogenic suspension cultures of <i>Picea glauca</i> . <b>1989</b> , 7, 704-7	22
425	Factors Affecting Transient Expression of Vector Constructs in Wheat Protoplasts. <b>1997</b> , 48, 209-220	5
424	<i>Agrobacterium tumefaciens</i> -Mediated Wheat Transformation. <b>2003</b> , 31, 9-16	14
423	Response of Wheat Genotypes to <i>Agrobacterium tumefaciens</i> -Mediated Transformation. <b>2003</b> , 31, 241-248	4
422	Factors Influencing T-DNA Transfer from <i>Agrobacterium</i> to Precultured Immature Wheat Embryos ( <i>Triticum Aestivum</i> L.). <b>2000</b> , 28, 17-23	14
421	The GUS Reporter Gene Application to Light and Transmission Electron Microscopy. <b>1992</b> , 115-124	12
420	Review of the Use of the GUS Gene for Analysis of Secretory Systems. <b>1992</b> , 127-134	1
419	Immunogold Labelling. <b>1991</b> , 181-218	20
418	Markers for Plant Gene Transfer. <b>1993</b> , 89-123	23
417	Transgenic Woody Plants. <b>1993</b> , 129-151	1
416	Molecular and Genetic Analysis of Tomato Fruit Development and Ripening. <b>1993</b> , 10, 251-285	3
415	TUBER-SPECIFIC GENE EXPRESSION IN TRANSGENIC POTATO PLANTS. <b>1990</b> , 105-114	2
414	HORMONAL CONTROL OF WHEAT $\alpha$ -AMYLASE GENES. <b>1990</b> , 171-189	2
413	Effect of Chloroxynil on <i>Agrobacterium</i> -mediated transformation efficiency of <i>Lilium cv Manissa</i> <b>2020</b> , 271, 109404	3
412	Structure and expression of the potato ADP-glucose pyrophosphorylase small subunit.. <b>1994</b> , 269, 30798-30807	0
411	Structure and function of the promoter of the carrot V-type H(+)-ATPase catalytic subunit gene.. <b>1990</b> , 265, 7927-7932	19
410	Widely separated multiple transgene integration sites in wheat chromosomes are brought together at interphase. <b>2000</b> , 24, 713-23	51
409	The maize Activator/Dissociation system is functional in hexaploid wheat through successive generations. <b>2007</b> , 34, 835-843	4

408	Evidence for a role for AtMYB2 in the induction of the Arabidopsis alcohol dehydrogenase gene (ADH1) by low oxygen. <b>1998</b> , 149, 479-90	158
407	Activation of latent transgenes in Arabidopsis using a hybrid transcription factor. <b>1998</b> , 149, 633-9	38
406	A test for transvection in plants: DNA pairing may lead to trans-activation or silencing of complex heteroalleles in tobacco. <b>2001</b> , 158, 451-61	33
405	Differential expression of the Arabidopsis genes coding for Em-like proteins 1. <b>2000</b> , 51, 1211-1220	4
404	Cell-to-cell movement of potato virus X involves distinct functions of the coat protein. <b>2001</b> , 82, 449-458	62
403	The <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> <i>glnD</i> gene, encoding a uridylyltransferase/uridylyl-removing enzyme, is expressed in the root nodule but is not essential for nitrogen fixation. <b>2000</b> , 146 ( Pt 11), 2987-2996	16
402	A multifunctional polyketide-peptide synthetase essential for albicidin biosynthesis in <i>Xanthomonas albilineans</i> . <b>2001</b> , 147, 631-642	52
401	Maize C4 photosynthesis involves differential regulation of phosphoenolpyruvate carboxylase genes. <b>1992</b> , 2, 221-232	31
400	Potato virus X as a vector for gene expression in plants. <b>1992</b> , 2, 549-557	230
399	Differential utilization of alternate initiation sites in a plant defense gene responding to environmental stimuli. <b>1994</b> , 226, 109-14	22
398	Response regulator, VemR, positively regulates the virulence and adaptation of <i>Xanthomonas campestris</i> pv. <i>campestris</i> . <b>2010</b> , 304, 20-8	10
397	Expression of the <i>Escherichia coli</i> beta-glucuronidase gene in <i>Pseudocercospora herpotrichoides</i> . <b>1991</b> , 57, 2896-900	21
396	The GUS gene fusion system ( <i>Escherichia coli</i> beta-D-glucuronidase gene), a useful tool in studies of root colonization by <i>Fusarium oxysporum</i> . <b>1993</b> , 59, 1767-73	44
395	A reporter gene analysis of penicillin biosynthesis gene expression in <i>Penicillium chrysogenum</i> and its regulation by nitrogen and glucose catabolite repression. <b>1994</b> , 60, 4432-9	47
394	The alcohol dehydrogenase gene <i>adh1</i> is induced in <i>Aspergillus flavus</i> grown on medium conducive to aflatoxin biosynthesis. <b>1994</b> , 60, 670-6	31
393	A beta-glucuronidase reporter gene construct for monitoring aflatoxin biosynthesis in <i>Aspergillus flavus</i> . <b>1995</b> , 61, 2482-6	22
392	Expression of the <i>strA-strB</i> streptomycin resistance genes in <i>Pseudomonas syringae</i> and <i>Xanthomonas campestris</i> and characterization of IS6100 in <i>X. campestris</i> . <b>1995</b> , 61, 2891-7	58
391	Transcriptional activation of the <i>Aspergillus nidulans</i> <i>gpdA</i> promoter by osmotic signals. <b>1998</b> , 64, 2229-31	25

390	New mobilizable vectors suitable for gene replacement in gram-negative bacteria and their use in mapping of the 3' end of the <i>Xanthomonas campestris</i> pv. <i>campestris</i> gum operon. <b>1999</b> , 65, 278-82	69
389	(Methyl)ammonium transport in the nitrogen-fixing bacterium <i>Azospirillum brasilense</i> . <b>1998</b> , 180, 2652-9	45
388	Identification and characterization of <i>hupT</i> , a gene involved in negative regulation of hydrogen oxidation in <i>Bradyrhizobium japonicum</i> . <b>1999</b> , 181, 5085-9	14
387	Cloning and characterization of a tetracycline resistance determinant present in <i>Agrobacterium tumefaciens</i> C58. <b>1999</b> , 181, 618-26	39
386	Auxins upregulate expression of the indole-3-pyruvate decarboxylase gene in <i>Azospirillum brasilense</i> . <b>1999</b> , 181, 1338-42	106
385	<i>Azospirillum irakense</i> produces a novel type of pectate lyase. <b>1999</b> , 181, 2440-7	34
384	A region of the 5' noncoding region of foot-and-mouth disease virus RNA directs efficient internal initiation of protein synthesis within cells: involvement with the role of L protease in translational control. <b>1990</b> , 64, 5389-95	143
383	Cap-independent enhancement of translation by a plant potyvirus 5' nontranslated region. <b>1990</b> , 64, 1590-7	288
382	Subgenomic RNAs mediate expression of cistrons located internally on the genomic RNA of tobacco necrosis virus strain A. <b>1992</b> , 66, 6419-28	31
381	Intracellular modifications induced by poliovirus reduce the requirement for structural motifs in the 5' noncoding region of the genome involved in internal initiation of protein synthesis. <b>1992</b> , 66, 1695-701	41
380	Regulation of nuclear transport of a plant potyvirus protein by autoproteolysis. <b>1992</b> , 66, 5662-6	35
379	trans complementation of cap-independent translation directed by poliovirus 5' noncoding region deletion mutants: evidence for RNA-RNA interactions. <b>1993</b> , 67, 6215-23	20
378	Internal cleavage and trans-proteolytic activities of the VPg-proteinase (NIa) of tobacco etch potyvirus in vivo. <b>1993</b> , 67, 6995-7000	90
377	trans complementation by RNA of defective foot-and-mouth disease virus internal ribosome entry site elements. <b>1994</b> , 68, 697-703	36
376	The tobacco etch potyvirus 6-kilodalton protein is membrane associated and involved in viral replication. <b>1994</b> , 68, 2388-97	104
375	Evidence that the potyvirus P1 proteinase functions in trans as an accessory factor for genome amplification. <b>1995</b> , 69, 3668-74	88
374	Analysis of the VPg-proteinase (NIa) encoded by tobacco etch potyvirus: effects of mutations on subcellular transport, proteolytic processing, and genome amplification. <b>1996</b> , 70, 7039-48	104
373	Suppression of long-distance movement of tobacco etch virus in a nonsusceptible host. <b>1996</b> , 70, 2556-61	67

372	Roles of the sequence encoding tobacco etch virus capsid protein in genome amplification: requirements for the translation process and a cis-active element. <b>1996</b> , 70, 4370-9	54
371	Local and distant sequences are required for efficient readthrough of the barley yellow dwarf virus PAV coat protein gene stop codon. <b>1996</b> , 70, 5884-92	81
370	A mechanism for negative gene regulation in <i>Autographa californica</i> multinucleocapsid nuclear polyhedrosis virus. <b>1997</b> , 71, 5088-94	31
369	A primary determinant of cap-independent translation is located in the 3'-proximal region of the tomato bushy stunt virus genome. <b>1999</b> , 73, 8982-8	60
368	A phage single-stranded DNA (ssDNA) binding protein complements ssDNA accumulation of a geminivirus and interferes with viral movement. <b>1999</b> , 73, 1609-16	36
367	Gal80 proteins of <i>Kluyveromyces lactis</i> and <i>Saccharomyces cerevisiae</i> are highly conserved but contribute differently to glucose repression of the galactose regulon. <b>1993</b> , 13, 7566-7576	16
366	The 3' untranslated region of satellite tobacco necrosis virus RNA stimulates translation in vitro. <b>1993</b> , 13, 3340-3349	55
365	Genetic Engineering of Crop Plants. <b>1997</b> , 119-159	2
364	Genetic Transformation of Pea by Microprojectile Bombardment. <b>2008</b> , 203-215	2
363	Agrobacterium-Mediated Genetic Transformation of Peanut. <b>2008</b> , 227-251	4
362	Control of GL2 expression in <i>Arabidopsis</i> leaves and trichomes. <b>1998</b> , 125, 1161-1171	176
361	SUPERMAN attenuates positive INNER NO OUTER autoregulation to maintain polar development of <i>Arabidopsis</i> ovule outer integuments. <b>2002</b> , 129, 4281-4289	62
360	STY1 and STY2 promote the formation of apical tissues during <i>Arabidopsis</i> gynoecium development. <b>2002</b> , 129, 4707-4717	93
359	Applications of Shock Waves in Agriculture Research. <b>2009</b> , 1, 23-30	3
358	A novel endo-hydrogenase activity recycles hydrogen produced by nitrogen fixation. <b>2009</b> , 4, e4695	7
357	Transcription of DWARF4 plays a crucial role in auxin-regulated root elongation in addition to brassinosteroid homeostasis in <i>Arabidopsis thaliana</i> . <b>2011</b> , 6, e23851	51
356	Development of self-compatible <i>B. rapa</i> by RNAi-mediated S locus gene silencing. <b>2012</b> , 7, e49497	5
355	Effects of Early or Overexpression of the <i>Autographa californica</i> Multiple Nucleopolyhedrovirus orf94 (ODV-e25) on Virus Replication. <b>2013</b> , 8, e65635	2

354	Arabidopsis C-terminal domain phosphatase-like 1 functions in miRNA accumulation and DNA methylation. <b>2013</b> , 8, e74739	14
353	Brachypodium sylvaticum, a model for perennial grasses: transformation and inbred line development. <b>2013</b> , 8, e75180	22
352	Increased biomass, seed yield and stress tolerance is conferred in Arabidopsis by a novel enzyme from the resurrection grass Sporobolus stapfianus that glycosylates the strigolactone analogue GR24. <b>2013</b> , 8, e80035	21
351	Histone acetylation accompanied with promoter sequences displaying differential expression profiles of B-class MADS-box genes for phalaenopsis floral morphogenesis. <b>2014</b> , 9, e106033	9
350	Phosphatidylserine Synthase Controls Cell Elongation Especially in the Uppermost Internode in Rice by Regulation of Exocytosis. <b>2016</b> , 11, e0153119	7
349	Isolation and characterization of GmMYBJ3, an R2R3-MYB transcription factor that affects isoflavonoids biosynthesis in soybean. <b>2017</b> , 12, e0179990	12
348	Overexpression of native ferritin gene MusaFer1 enhances iron content and oxidative stress tolerance in transgenic banana plants. <b>2017</b> , 12, e0188933	20
347	GENETIC TRANSFORMATION AND ANALYSIS OF WHEAT TRANSGENIC CELL LINES BY IRAP-PCR. <b>2013</b> , 6, 113-119	4
346	TRANSFORMATION EFFECTIVENESS FOR ARABIDOPSIS THALIANA PLANTS BY DNA-CONSTRUCTIONS WITH SITE-SPECIFIC RECOMBINASE SYSTEM Cre/loxP. <b>2015</b> , 8, 49-55	1
345	Transient expression of a reporter gene introduced by bioballistic bombardment into Racosperma mangium (Leguminosae family) tissues. <b>1997</b> , 20, 507-510	4
344	PLANT TRANSFORMATION: ADVANCES AND PERSPECTIVES. <b>1999</b> , 56, 1-8	14
343	A rat pancreatic ribonuclease fused to a late cotton pollen promoter severely reduces pollen viability in tobacco plants. <b>2000</b> , 23, 435-443	3
342	Transient gene expression of beta-glucuronidase in citrus thin epicotyl transversal sections using particle bombardment. <b>2003</b> , 46, 1-6	19
341	Genetic Transformation of Oat Mediated by is enhanced with Sonication and Vacuum Infiltration. <b>2019</b> , 17, e1563	3
340	In planta transformation of buckwheat (Fagopyrum esculentum Moench.). <b>2007</b> , 59, 135-138	4
339	Transformation of Brussels Sprouts (Brassica oleracea var. gemmifera Zenk.) by Agrobacterium rhizogenes Harboring a Reporter, $\beta$ -Glucuronidase Gene. <b>1994</b> , 63, 589-592	12
338	Evaluation of two promoters for generating transgenic potato plants as salicylic acid biosensors. <b>64</b> , 535-540	2
337	[Analysis of the molecular motif for inducing response to jasmonic acid and ethylene in Pib promoter via rice transformation]. <b>2010</b> , 32, 73-80	1



336	Function Verifying of Darkness Inducing Motif YTCANTYY in Pib Promoter via Rice Transformation. <b>2009</b> , 34, 1667-1672	1
335	Cloning and Activity Analysis of Soybean SACPD-C Promoter. <b>2011</b> , 37, 1205-1211	1
334	Transgenic Rice Lines Harboring McCHIT1 Gene from Balsam Pear ( <i>Momordica charantia</i> L.) and Their Blast Resistance. <b>2012</b> , 37, 1991-2000	1
333	A Small C2-domain Protein from the Resurrection Plant <i>Boea hygrometrica</i> Promotes Plant Responses to Abscisic Acid. <b>2012</b> , 47, 11-27	2
332	Production of Transgenic Plants in <i>Brassica napus</i> Winter Cultivar 'Youngsan'. <b>2011</b> , 54, 26-32	5
331	Expression of the <i>Capsicum annum</i> (Chili) Defensin Gene in Transgenic Tomatoes Confers Enhanced Resistance to Fungal Pathogens. <b>2009</b> , 4, 70-79	23
330	Transient Expression of <i>gusA</i> and <i>gfp</i> Gene in <i>Agrobacterium</i> -mediated Banana Transformation Using Single Tiny Meristematic Bud. <b>2006</b> , 5, 468-480	11
329	<i>Agrobacterium</i> -Mediated Transformation of <i>Dendrobium secundum</i> (Bl.) Lindl with Antisense ACC Oxidase. <b>2007</b> , 6, 1065-1071	7
328	<i>Agrobacterium</i> -mediated Transformation of Pearl Millet ( <i>Pennisetum typhoides</i> (L.) R.Br.) for Fungal Resistance. <b>2013</b> , 12, 97-108	2
327	Particle Bombardment-mediated Co-transformation of Chitinase and $\beta$ 1, 3 Glucanase Genes in Banana. <b>2006</b> , 5, 203-216	3
326	Stable Transformation and Recovery of Transgenic Plants by Particle Bombardment in <i>Pinus wallichiana</i> A.B. Jacks (Himalayan Blue Pine). <b>2006</b> , 6, 105-111	3
325	GUS Gene Transformation in Rice ( <i>Oryza sativa</i> L.) Variety BRRI Dhan-30 Mediated by <i>Agrobacterium tumefaciens</i> . <b>2008</b> , 7, 530-536	3
324	Cotyledon with Hypocotyl Segment as an Explant for the Production of Transgenic <i>Citrullus vulgaris</i> Schrad (Watermelon) Mediated by <i>Agrobacterium tumefaciens</i> . <b>2010</b> , 9, 106-118	4
323	Biolistic Transformation of <i>Citrullus vulgaris</i> Schrad (Watermelon). <b>2010</b> , 9, 119-130	5
322	Deletion Analysis of the Sugarcane bacilliform virus Promoter Activity in Monocot and Dicot Plants. <b>2010</b> , 9, 283-293	1
321	<i>Agrobacterium tumefaciens</i> -Mediated Genetic Transformation of <i>Vigna aconitifolia</i> and Stable Transmission of the Genes to Somatic Seedlings. <b>2007</b> , 2, 450-458	2
320	<i>Agrobacterium tumefaciens</i> -infection Strategies for Greater Transgenic Recovery in <i>Nicotiana tabacum</i> cv. TAPM26. <b>2011</b> , 6, 119-133	2
319	<i>Agrobacterium</i> -mediated Transformation of Tomato Plants Expressing Defensin Gene. <b>2011</b> , 6, 323-334	4

- 318 Involvement of Protein Phosphorylation and Reactive Oxygen Species in Jasmonate-elicited Accumulation of Defense/stress-related Proteins in Rice Seedlings. **2003**, 3, 994-1009 1
- 317 An Easy Method for *Agrobacterium tumefaciens*-Mediated Gene Transfer to *Nicotiana tabacum* cv. TAPM26. **2010**, 10, 480-489 3
- 316 Factors Affecting the Callus Induction and GUS Transient Expression in Indica Rice Pei' ai64s. **2004**, 7, 615-619 3
- 315 In-ovule Embryo Culture: A Novel Method of Cotton Transformation. **2005**, 8, 297-301 3
- 314 Factors Influencing Regeneration and Genetic Transformation of Three Elite Cultivars of Tomato (*Lycopersicon esculentum* L.). **2006**, 9, 2729-2733 4
- 313 Effect of integrated bombardment and *Agrobacterium* transformation system on transient GUS expression in hypocotyls of rapeseed (*Brassica napus* L. cv. PF704) microspore-derived embryos. **2007**, 10, 3141-5 7
- 312 Genetic Transformation of *Vanilla planifolia* by *Agrobacterium-tumefaciens* Using Shoot Tip Sections. **2007**, 2, 86-94 6
- 311 <i>Agrobacterium</i>-mediated transient transformation of <i>Pentalinon andrieuxii</i>. **2012**, 03, 256-258 4
- 310 Optimization of micropropagation and <i>Agrobacterium</i>-mediated gene transformation to spinach (<i>Spinacia oleracea</i> L.). **2012**, 03, 876-880 1
- 309 Low Co-Cultivation Temperature at 20°C Resulted in the Reproducible Maximum Increase in Both the Fresh Weight Yield and Stable Expression of GUS Activity after <i>Agrobacterium tumefaciens</i>-Mediated Transformation of Tobacco Leaf Disks. **2012**, 03, 537-545 9
- 308 Genetic Transformation of <i>Citrus sinensis</i> L. with an <i>antisense ACC oxidase</i> Gene. **2012**, 03, 1336-1340 3
- 307 RETRACTED: <i>Agrobacterium</i> Mediated Transformation of *Vigna mungo* (L.) Hepper with Cry1Ac Gene for Insect Resistance. **2016**, 07, 316-325 2
- 306 Expression of a Bacterial Chitinase (<i>ChiB</i>) Gene Enhances Resistance against <i>Erysiphe polygoni</i> Induced Powdery Mildew Disease in the Transgenic Black Gram (<i>Vigna mungo</i> L.) (cv. T9). **2018**, 09, 1759-1770 5
- 305 A novel method for high-frequency transgenic shoot regeneration via *Agrobacterium tumefaciens* flax (*Linum usitatissimum* L.). **2016**, 43, 240-247 3
- 304 *Bacillus vallismortis* Strain EXTN-1 Mediated Systemic Resistance against Potato virus Y and X in the Field. **2006**, 22, 360-363 20
- 303 Root Colonization and ISR-mediated Anthracnose Disease Control in Cucumber by Strain *Enterobacter asburiae* B1. **2009**, 25, 333-343 1
- 302 Molecular control of gene co-suppression in transgenic soybean via particle bombardment. **2006**, 39, 61-7 6
- 301 Metabolic engineering of aliphatic glucosinolates in Chinese cabbage plants expressing *Arabidopsis* MAM1, CYP79F1, and CYP83A1. **2008**, 41, 472-8 38

300	Spatio-temporal expression analysis of Arabidopsis thaliana spermine synthase gene promoter. <b>2011</b> , 28, 407-411	6
299	Comparison and Characterization of cis-Regulatory Regions in Some Embryo-Specific and ABA-Responsive Carrot Genes, DcECPs. <b>2001</b> , 18, 45-54	5
298	A Novel Selection Method Based on the Expression Level of Green Fluorescent Protein Measured with a Quantitative Fluorescence Imager. <b>2003</b> , 20, 165-168	1
297	Agrobacterium-mediated Transformation and Transgenic Plant Regeneration from Embryogenic Calli Derived from an Immature Seed Produced from Miniature Rose Cultivar 'Shortcake'. <b>2003</b> , 20, 291-296	1
296	Regulation of the Iron-Deficiency Responsive Gene, Ids2, of Barley in Tobacco. <b>2003</b> , 20, 33-41	20
295	Low Sugar Status Promotes Endogenous ABA Level and ABA Sensitivity in Arabidopsis. <b>2004</b> , 21, 9-14	2
294	Suitability of small and branching sunflower varieties for molecular genetic experiments and their transformation by Agrobacterium infection. <b>2005</b> , 22, 97-104	9
293	A high-throughput Agrobacterium tumefaciens-mediated transformation system for molecular breeding and functional genomics of rice ( <i>Oryza sativa</i> L.). <b>2010</b> , 27, 47-58	5
292	Intertribal somatic hybrids of di- and tetragenome origin: production and usage. <b>2005</b> , 21, 35-41	2
291	Mulberry EIL3 confers salt and drought tolerances and modulates ethylene biosynthetic gene expression. <b>2019</b> , 7, e6391	13
290	Overexpression of induces early flowering and improves drought tolerance in <i>L.</i> <b>2019</b> , 7, e6422	12
289	CsWRKY13, a novel WRKY transcription factor of <i>Camellia sinensis</i> , involved in lignin biosynthesis and accumulation. <b>2021</b> , 1, 1-9	0
288	TRANSIENT EXPRESSION OF REPORTER GENES IN CULTIVARS OF <i>Amaranthus caudatus</i> L.. <b>2021</b> , 14, 53-63	
287	The steroid-inducible pOp6/LhGR gene expression system is fast, sensitive and does not cause plant growth defects in rice ( <i>Oryza sativa</i> ). <b>2021</b> , 21, 461	3
286	Interplay between positive and negative regulation by B3-type transcription factors is critical for the accurate expression of the ABA INSENSITIVE 4 gene.	
285	The sweetpotato GIGANTEA gene promoter is co-regulated by phytohormones and abiotic stresses in <i>Arabidopsis thaliana</i> . <b>2021</b> , 168, 143-154	
284	Metal tolerance protein MTP6 is involved in Mn and Co distribution in poplar. <b>2021</b> , 226, 112868	1
283	Structural analysis of regulatory stress elements in OsCIPK14 the rice homologue and functional validation in wheat. <b>2021</b> , 28, 100339	

- 282 Transgenic Cotton (*Gossypium hirsutum*). **2000**, 283-301
- 281 Genetic Engineering of Corn: Sustainability of Shoot Tip Meristem in Genetic Transformation. **2000**, 37-59
- 280 Transgenic Tall Fescue (*Festuca arundinacea*). **2000**, 164-170
- 279 Genetic Transformation of *Allocasuarina verticillata*. **2000**, 1-14 1
- 278 Transgenic Brown Mustard (*Brassica juncea*). **2000**, 225-242
- 277 Genetic Transformation in Citrus. **2000**, 227-243
- 276 Genetic Transformation of *Verticordia grandis* (Scarlet Feather Flower). **2000**, 307-317
- 275 Transgenic Apple (*Malus x domestica*). **2000**, 153-170
- 274 Characterization of an *Azospirillum brasilense* Tn5 Mutant with Enhanced Nitrogen Fixation. **2000**, 93-94 1
- 273 Aplicaçã de genes marcadores em estudos de ecologia microbiana com ãfase no sistema GUS. **2000**, 30, 533-539
- 272 [A technology with multiple applications]. **2000**, 7, 465-79
- 271 Genetic Transformation of *Craterostigma plantagineum*. **2001**, 309-318
- 270 Transgenic Banana (*Musa* Species). **2001**, 255-268
- 269 Function of the sulfate transporter *Sultr2;1* in seeds of *Arabidopsis thaliana*. **2001**, 38-39 0
- 268 Transgenic Strawberry (*Fragaria* Species). **2001**, 159-182
- 267 Transgenic *Moricandia*. **2001**, 352-358
- 266 Transgenic *Solanum brevidens*. **2001**, 359-371
- 265 Transgenic Cassava (*Manihot esculenta* Crantz). **2001**, 234-254

- 264 Transgenic Plants. **2001**, 627-659
- 263 The increased GUS gene inactivation over generation in Arabidopsis transgenic lines. **2002**, 12, 67-76
- 262 Genetic Transformation of Avocado. **2002**, 0
- 261 Genetic Transformation of Mango (*Mangifera indica* L.). **2002**,
- 260 Direct DNA Delivery Into Intact Cells and Tissues. **2002**,
- 259 Transformation of Red Chilli Variety Cillibangi-2 (*Capsicum annum* L.) With cDNA of Cucumber Mosaic Virus Coat Protein Gene by Direct Uptake. **2002**, 5, 683-687 1
- 258 Genetic Transformation Using Thin Cell Layer Method. **2003**, 495-512 1
- 257 Moss, Molecular Tools for Phenotypic Analysis.
- 256 Gene Transfer to Plants through Bacterial Vectors. **2003**, 102-109
- 255 Genetic Manipulation of Clavicipitalean Endophytes. **2003**,
- 254 Genetic Transformation of Tea. **2004**, 171-183
- 253 *Coffea* SPP. Genetic Transformation. **2004**, 159-169 1
- 252 Control and Silencing of Transgene Expression. 1
- 251 In Vitro Culture and Transformation by Agroinfiltration of Lisianthus (*Eustoma russellianus*) Pollen. **2004**, 14, 1018-1022 2
- 250 Impact of Physical, Chemical and Biological Factors on Lily (*Lilium longiflorum* cv. Georgia) Pollen Growth and GUS Expression Via Agro-infiltration. **2004**, 31, 279-283
- 249 Tissue Specific Expression of Wound-Inducible RCaM-2 Promoter in Transgenic Tobacco Plants. **2005**, 15, 176-181
- 248 Quantitative Analysis of Transient Expression in Tah Tasai Chinese Cabbage (*Brassica campestris* var. *narinosa*) Seedlings Following Agrobacterium-Mediated Transformation. **2005**, 32, 275-279
- 247 Sodium Hypochlorite Solution As a Chemical Wounding Agent for Improving Agrobacterium-mediated Chinese Cabbage Seed Transformation. **2005**, 15, 1034-1036

- 246 Effect of Callus Type and Antioxidants on Plant Regeneration and Transformation of Tall Fescue. **2006**, 26, 77-82
- 245 Enhanced Tolerance Against a Fungal Pathogen, *Fusarium oxysporum* f.sp. *cubense* (Race 1) in Transgenic Silk Banana. **2006**, 1, 342-354 4
- 244 A Biolistic Approach for the Production of Transgenic Plants using Embryogenic Tissue in *Pinus kesiya* Royle Ex. Gord (Khasi Pine). **2006**, 6, 86-92 2
- 243 Effect of Acetosyringone and Variety on Transformation of Orchardgrass. **2006**, 26, 193-198
- 242 Agrobacterium-mediated transformation of Japanese lawngress (*Zoysia japonica* Steud.) containing a synthetic cryIA(b) gene from *Bacillus thuringiensis*. **2007**, 070621074500029-???
- 241 Cloning and Expression Analysis of a Grape *asr* gene, VIASR Containing a Promoter Region.. **2007**, 17, 1157-1165
- 240 Transgenic Plants. 627-659
- 239 A Novel In Planta Approach to Gene Transfer for Legumes. **2008**, 273-286 1
- 238 Characterization of SID2 that is required for the production of salicylic acid by using *β*-GLUCURONIDASE and LUCIFERASE reporter system in Arabidopsis. **2008**, 35, 169-176
- 237 Characterization of *Oszinc626*, knock-out in zinc finger RING-H2 protein gene, in *Ac/Ds* mutant lines of rice (*Oryza sativa* L.). **2008**, 35, 177-183
- 236 Factors Influencing Agrobacterium-Mediated Transformation Efficiency in Perennial Ryegrass. **2009**, 29, 165-170 1
- 235 Transformation of the BWMK1-interacting gene BWIP4. **2010**, 36, 272-275
- 234 Molecular Biology of Cassava. 85-159
- 233 Genetic Transformation and Fruit Crop Improvement. 87-134 1
- 232 Isolation and Characterization of an Embryo-specific Promoter OsESP1 from Rice. **2011**, 37, 1904-1909
- 231 Use of Matrix Attachment Region in Regulating Transgene Expression of Tomato. **2011**, 46, 688-693
- 230 OsSRL, a Receptor-like Kinase with S-locus Site, Is Involved in Drought Tolerance in Rice. **2013**, 47, 474-482
- 229 Establishment of Transformation System Using Inbred Line of Yellow-Seeded *Brassica napus*. **2013**, 38, 2185-2191

- 228 Expression Patterns of Arabidopsis RBCS-1A Gene in Response to Light Treatments and Application Evaluation of Its Promoter in Transgenic Engineering. **2013**, 38, 1561-1569
- 227 Rapid cloning of genes and promoters for functional analyses. **2014**, 1099, 123-32 2
- 226 Transformation of *Morinda citrifolia* via simple mature seed imbibition method. **2013**, 16, 1913-21 0
- 225 Silenced Phytoene desaturase Gene as a Scorable Marker for Plant Genetic Transformation. **2014**, 13, 80-84 1
- 224 DNA Recombinants and Transformation of Agricultural Crops. **1989**, 75-98
- 223 Genetic Engineering of Rice. **1990**, 259-280
- 222 Effects of the 5'-Leader Sequence of Tobacco Mosaic Virus RNA, or Derivatives Thereof, on Foreign mRNA and Native Viral Gene Expression. **1990**, 261-275 1
- 221 SPATIAL AND TEMPORAL PATTERNS OF EXPRESSION OF A NOVEL WOUND-INDUCED GENE IN POTATO. **1990**, 95-103
- 220 Regulation of Plant Gene Expression by Auxins. **1990**, 401-418 4
- 219 Transformation and Regeneration of Non-Solanaceous Crop Plants. **1990**, 203-212 2
- 218 Approaches to Studying DNA Elements Associated with Light-Regulated Gene Expression in Conifers. **1991**, 295-303
- 217 Potentials of woody plant transformation. **1991**, 17, 81-105 1
- 216 Using polymerase chain reaction to identify transgenic plants. **1991**, 57-84 0
- 215 Wound-Responsive Gene Expression in Poplars. **1991**, 265-268
- 214 A Transient Assay for Heterologous Promoter Activity in *Picea Glauca*. **1991**, 269-281
- 213 Regulation of Expression of the Pea Plastocyanin Gene. **1992**, 23-29
- 212 Pollen Expressed Genes and Their Regulation. **1992**, 3-6 1
- 211 Expression of Photo Synthetic Genes From C4 Plant In C3 Plants. **1992**, 879-882

210	Applications of GUS to Molecular Plant Virology. <b>1992</b> , 135-150	
209	Introduction. <b>1992</b> , 1-4	1
208	A Brassica napus gene family which shows sequence similarity to ascorbate oxidase is expressed in developing pollen. Molecular characterization and analysis of promoter activity in transgenic tobacco plants. <b>1992</b> , 2, 331-342	
207	Stringent repression and homogeneous de-repression by tetracycline of a modified CaMV 35S promoter in intact transgenic tobacco plants. <b>1992</b> , 2, 397-404	163
206	Expression of chimeric genes by the light-regulated cabII-1 promoter in Chlamydomonas reinhardtii: a cabII-1/nit1 gene functions as a dominant selectable marker in a nit1- nit2- strain. <b>1992</b> , 12, 5268-5279	28
205	Transformation of Stylosanthes Species. <b>1993</b> , 361-374	
204	Structure and Expression of Style-Expressed and Pollen-Expressed Components of Gametophytic Self-Incompatibility in Petunia Hybrida. <b>1993</b> , 105-113	
203	Transformation in Salvia chinensis. <b>1993</b> , 308-313	
202	Transformation of Petunia and Corn Plants (Petunia hybrida and Zea mays) Using Agrobacterium tumefaciens and the Shoot Apex. <b>1993</b> , 302-314	1
201	Transformation of Tomato (Lycopersicon esculentum Mill.) for Virus Disease Protection. <b>1993</b> , 259-272	
200	Transformation in Hordeum vulgare L. (Barley). <b>1993</b> , 220-233	1
199	Strategies for the Production of Disease-Resistant Elms. <b>1993</b> , 171-180	3
198	Transgenic Maize. <b>1993</b> , 21-33	
197	Functional and Structural Analysis of Promoter Fragments in Soybean Nuclear DNA. <b>1993</b> , 165-168	
196	Genetic Dissection of Signal Transduction Pathways that Regulate Cab Gene Expression. <b>1993</b> , 57-62	3
195	PLANT GENE EXPRESSION AND PCR TECHNIQUES. <b>1993</b> , 313-372	
194	Regeneration of Plants from Protoplasts of Musa Species (Banana). <b>1994</b> , 102-114	2
193	Developmental and Environmental Regulation of Chalcone Synthase Expression in Subterranean Clover. <b>1994</b> , 131-134	



- 192 Regulation of 3-hydroxy-3-methylglutaryl-coenzyme A reductase by wounding and methyl jasmonate. **1994**, 351-356
- 191 Approaches to Genetic Transformation in Cereals. **1994**, 15-20
- 190 Development of Promoter Systems for the Expression of Foreign Genes in Transgenic Cereals. **1994**, 55-69 1
- 189 Transient expression assays using GUS constructs and fluorometric detection for analysis of T-DNA transfer. **1994**, 99-114
- 188 A study of different (CaMV 35S and mas) promoter activities and risk assessment of field use in transgenic rapeseed plants. **1995**, 411-416
- 187 The sulphur-rich Brazil nut 2S albumin is specifically formed in transgenic seeds of the grain legume *Vicia narbonensis*. **1995**, 181-192
- 186 Genetic Transformation of *Solanum muricatum* (Pepino). **1995**, 269-278 1
- 185 Transient Expression Following Electroporation into Immature Zygotic Embryos of Wheat. **1995**, 196-200
- 184 Genetic Transformation in *Vaccinium macrocarpon* Ait. (Cranberry). **1995**, 299-308
- 183 Transient gene expression in transformed banana (*Musa* cv. Bluggoe) protoplasts and embryogenic cell suspensions. **1995**, 89-95 1
- 182 Different 5' leader sequences modulate  $\beta$ -glucuronidase accumulation levels in transgenic *Nicotiana tabacum* plants. **1995**, 209-216
- 181 Gene specificity is maintained in transient expression assays with protoplasts derived from different tissues of barley. **1995**, 203-207
- 180 Production of Fertile Transgenic Maize Plants by Silicon Carbide Whisker-Mediated Transformation. **1995**, 279-284 1
- 179 Genetic Transformation in *Festuca arundinacea* Schreb. (Tall Fescue) and *Festuca pratensis* Huds. (Meadow Fescue). **1995**, 183-203 2
- 178 Transgenic barley by particle bombardment. Inheritance of the transferred gene and characteristics of transgenic barley plants. **1995**, 81-88
- 177 Genetic Transformation in *Boehmeria nivea* Gaud. (Ramie Fiber). **1996**, 191-200
- 176 Genetic transformation of rice from protoplasts of haploid origin. **1996**, 411-423
- 175 GUS as a marker to track microbes. **1996**, 205-229

- 174 Monitoring of a Gus Transformed Strain of *Trichoderma Harzianum* in Soil and Rhizosphere. **1996**, 77-83
- 173 Genetic Transformation in *Pinus elliottii* Engelm. (Slash Pine). **1996**, 280-296
- 172 Transient gene expression and stable genetic transformation into conifer tissues by microprojectile bombardment. **1996**, 417-462 1
- 171 Transgene Expression in Spruce and Poplar: From the Lab to the Field. **1996**, 159-163 5
- 170 Gene Expression in Developing Maize Pollen. **1996**, 67-84 1
- 169 Transient gene expression and stable genetic transformation into conifer tissues by microprojectile bombardment. **1996**, 19-64 1
- 168 Production of fertile transgenic wheat by microprojectile bombardment. **1996**, 397-416
- 167 GUS activity staining is a powerful tool in plant molecular biology. **1997**, 23-32
- 166 Transfer of HyHEL10 ScFv Gene to Plants. **1998**, 461-464
- 165 Engineering the Genome. **1998**, 351-375
- 164 Transposable Elements and Genetic Variation. **1998**, 563-594
- 163 Determination of Conditions for Gene Transfer into Barley (*hordeum Vulgare* L.) by Tissue Electroporation and Biolistic. **1998**, 505-508
- 162 Screening for Transgenic Lines with Stable and Suitable Accumulation Levels of a Heterologous Protein. **1998**, 203-227 4
- 161 Interaction of endophytic bacteria with the plant on cellular and molecular level. **1998**, 14, 488-499 1
- 160 Transgenic Cereals: *Secale cereale* and *Sorghum bicolor* (rye and sorghum). **1999**, 341-360
- 159 Bypassing Juvenile Stage in Genetic Transformation of Citrus Plants. **1999**, 115-118
- 158 Genetic Transformation of *Solanum commersonii* Dun.. **1999**, 312-326
- 157 Agrobacterium-Mediated Transformation of *Phaseolus* Beans. **1999**, 127-130

- 156 Lentil (*Lens culinaris* Medik). **2015**, 1223, 265-74 1
- 155 Transformation of Rice (*Oryza sativa*) Cultivar Taichung 65 Mediated by *Agrobacterium tumefaciens*. **2015**, 189-196
- 154 Analysis of Senescence-Related Genes Expressions Using Gus and Gfp Reporter Genes in *Arabidopsis thaliana* (L.) Heynh. Leaves.
- 153 Identification of Root-specific Promoters Derived from *Arabidopsis thaliana*. **2018**, 50, 21-32 1
- 152 Identification of Constitutive Promoters Derived from *Brassica rapa*. **2018**, 50, 193-202
- 151 Heat-shock inducible CRISPR/Cas9 system generates heritable mutations in rice. 1
- 150 *Agrobacterium*  $\Delta$ caused transformation of cultivars *Amaranthus caudatus* L. and hybrids of *A. caudatus* L. x *A. paniculatus* L.. 312-318 6
- 149 Biolistic Transformation of Cotton Zygotic Embryo Meristem. **2019**, 1902, 35-45 0
- 148 N-terminal domains of AhAREB1 protein are necessary for transcriptional characteristics and negative regulation of the AhNCED1 gene.
- 147 Inositol pyrophosphate kinase (VIH2) impart drought resistance by promoting plant cell wall homeostasis.
- 146 Production of Virus-Resistant Plants Through Transgenic Approaches. **2020**, 491-510 1
- 145 Transformation of Amorphadiene Synthase and Antisilencing P19 Genes into L. and its Effect on Antimalarial Artemisinin Production. **2020**, 10, 464-471
- 144 Transcriptomic Responses of to Root Exudates Reflect Its Capacity to Colonize Maize and Common Bean in an Intercropping System. **2021**, 12, 740818 2
- 143 Genome-wide identification of the tobacco GDSL family and apical meristem-specific expression conferred by the GDSL promoter. **2021**, 21, 501 1
- 142 Effects of cobalt ions and cobalt nanoparticles on transient expression of gus gene in *Catharanthus roseus* suspension cultures. **2020**, 13, 765-775 2
- 141 Natural *Agrobacterium*-Mediated Transformation in the Genus *Nicotiana*. **2020**, 195-209 1
- 140 *Agrobacterium rhizogenes*-mediated transformation of *Hypericum sinaicum* L. for the development of hairy roots containing hypericin. 56,
- 139 Expression of gus and gfp genes in amphidiploid spelt wheat (*Triticum spelta* L.) after *Agrobacterium*-mediated transformation. **2020**, 16, 103-113 0

- 138 MATE-Type Proteins Are Responsible for Isoflavone Transportation and Accumulation in Soybean Seeds. **2021**, 22, 4
- 137 Direct Gene Transfer into Plant Mature Seeds via Electroporation After Vacuum Treatment. **2009**, 285-293
- 136 Molecular Biological Approaches to Environmental Effects on Photosynthesis. **1996**, 305-319
- 135 Monitoring Gene Expression In Plant Tissues. **2008**, 31-46
- 134 ShNPSN11, a vesicle-transport-related gene, confers disease resistance in tomato to *Oidium neolycopersici*. **2020**, 477, 3851-3866 4
- 133 Creation of a genetic vector carrying a synthesis bacterial protein gene CAS9 for plant genome editing. 26, 176-182
- 132 Oxicam-type nonsteroidal anti-inflammatory drugs inhibit NPR1-mediated salicylic acid pathway. 2
- 131 DataSheet\_1.pdf. **2020**, 1
- 130 Transient expression of *uidA* and *gfp* genes in *Physalis peruviana*. **2021**, 53, 415-424
- 129 BpTCP3 Transcription Factor Improves Salt Tolerance of *Betula platyphylla* by Reducing Reactive Oxygen Species Damage. **2021**, 12, 1633 0
- 128 Optimizing RNAi-Target by -Soybean Mosaic Virus System Drives Broad Resistance to Soybean Mosaic Virus in Soybean. **2021**, 12, 739971
- 127 Phenotypic Characterization and Determination of Gene expression of Genetically Modified Rice Strains Using CRISPR-CAS9 Technology With Sodium Chloride Effect. **2021**, 923, 012046
- 126 Overexpression of the VaERD15 gene increases cold tolerance in transgenic grapevine. **2021**, 110728 0
- 125 Cloning and activity analysis of the highly expressed gene *VviABCG20* promoter in seed and its activity is negatively regulated by the transcription factor *VviDof14*.. **2022**, 315, 111152 1
- 124 Metallothionein1A Regulates Rhizobial Infection and Nodulation in .. **2022**, 23,
- 123 An Optimized Tobacco Hairy Root Induction System for Functional Analysis of Nicotine Biosynthesis-Related Genes. **2022**, 12, 348 1
- 122 Development of an efficient and reproducible in vitro regeneration and transformation protocol for tropical maize (*Zea mays* L.) using mature seed-derived nodal explants. **2022**, 148, 557 0
- 121 Carrot cells expressing the VP1 and VP2 poliovirus proteins effectively elicited mucosal immunity. **2022**, 148, 545 0

120	Identification and Characterization of , a Gene Conferring Resistance to Powdery Mildew in Wild Tomato () LA1777.. <b>2022</b> , 23,	3
119	A novel HD-Zip I/C2H2-ZFP/WD-repeat complex regulates the size of spine base in cucumber.. <b>2022</b> ,	1
118	Overexpression of Oil Palm Early Nodulin 93 Protein Gene (EgENOD93) Enhances In Vitro Shoot Regeneration in Arabidopsis thaliana.. <b>2022</b> , 1	
117	A long non-coding RNA functions in high-light-induced anthocyanin accumulation in apple by activating ethylene synthesis.. <b>2022</b> ,	4
116	ROS1 promotes low temperature-induced anthocyanin accumulation in apple by demethylating the promoter of anthocyanin-associated genes.. <b>2022</b> ,	1
115	Identification and validation of the wound and insect bite early inducible promoter from .. <b>2022</b> , 12, 74	2
114	An Agrobacterium strain auxotrophic for methionine is useful for switchgrass transformation.	
113	SnRK2 subfamily I protein kinases regulate ethylene biosynthesis by phosphorylating HB transcription factors to induce ACO1 expression in apple.. <b>2022</b> ,	0
112	Rice OsIAA6 interacts with OsARF1 and regulates leaf inclination. <b>2022</b> ,	0
111	Biparental genetic mapping reveals that CmCLAVATA3 (CmCLV3) is responsible for the variation in carpel number in melon (Cucumis melo L.).. <b>2022</b> , 1	0
110	Long-distance mobile mRNA CAX3 modulates iron uptake and zinc compartmentalization.. <b>2022</b> , e53698	0
109	A novel cis-element enabled bacterial uptake by plant cells.	0
108	-Mediated High-Efficiency Genetic Transformation and Genome Editing of Chaling Common Wild Rice ( Griff.) Using Scutellum Tissue of Embryos in Mature Seeds.. <b>2022</b> , 13, 849666	0
107	The transcription factors TLR1 and TLR2 negatively regulate trichome density and artemisinin levels in Artemisia annua.. <b>2022</b> ,	2
106	Downregulation of Squalene Synthase Broadly Impacts Isoprenoid Biosynthesis in Guayule.. <b>2022</b> , 12,	1
105	-Mediated Genetic Transformation of Embryogenic Callus in a Hybrid ( ¶).. <b>2022</b> , 13, 802128	1
104	Effect of ACGT motif in spatiotemporal regulation of AtAVT6D, which improves tolerance to osmotic stress and nitrogen-starvation.. <b>2022</b> , 1	0
103	The construction of a duckweed expression and delivery system for grass carp reovirus VP35. <b>2022</b> , 553, 738059	0

102	Hairy CRISPR: Genome Editing in Plants Using Hairy Root Transformation.. <b>2021</b> , 11,	2
101	Characterization of the Non-specific Phospholipase C Gene and Its Involvement in the Salt Stress Response.. <b>2021</b> , 12, 769599	0
100	Oxicam-type non-steroidal anti-inflammatory drugs inhibit NPR1-mediated salicylic acid pathway.. <b>2021</b> , 12, 7303	1
99	A New Player in Jasmonate-Mediated Stomatal Closure: The Copper Amine Oxidase □ <b>2021</b> , 10,	0
98	Optimization of the Transformation Protocol for Increased Efficiency of Genetic Transformation in .. <b>2022</b> , 11,	0
97	Data_Sheet_1.docx. <b>2018</b> ,	
96	Image_1.JPEG. <b>2018</b> ,	
95	Image_2.JPEG. <b>2018</b> ,	
94	Table_1.docx. <b>2018</b> ,	
93	Table_2.docx. <b>2018</b> ,	
92	Image_1.tif. <b>2018</b> ,	
91	Image_2.tif. <b>2018</b> ,	
90	Image_1.TIF. <b>2018</b> ,	
89	Image_2.TIF. <b>2018</b> ,	
88	Image_3.TIF. <b>2018</b> ,	
87	Image_4.TIF. <b>2018</b> ,	
86	Table_1.docx. <b>2018</b> ,	
85	Table_2.docx. <b>2018</b> ,	

84 Table\_1.docx. **2018,**

83 Image\_1.pdf. **2018,**

82 Table\_1.pdf. **2018,**

81 Presentation\_1.PDF. **2018,**

80 Data\_Sheet\_1.DOCX. **2018,**

79 Image\_1.JPEG. **2018,**

78 Image\_2.JPEG. **2018,**

77 Image\_3.JPEG. **2018,**

76 Image\_4.JPEG. **2018,**

75 Table\_1.PDF. **2018,**

74 DataSheet\_1.pdf. **2020,**

73 Data\_Sheet\_1.pdf. **2019,**

72 Image\_1.pdf. **2018,**

71 Image\_1.JPEG. **2020,**

70 Image\_2.JPEG. **2020,**

69 Image\_3.JPEG. **2020,**

68 Table\_1.pdf. **2020,**

67 Image\_1.TIF. **2019,**

66	Image_2.TIF. <b>2019</b> ,	
65	Image_3.TIF. <b>2019</b> ,	
64	Image_4.TIF. <b>2019</b> ,	
63	Table_1.xls. <b>2019</b> ,	
62	Table_2.xls. <b>2019</b> ,	
61	A CCaMK/Cyclops response element in the promoter of Lotus japonicus Calcium-Binding Protein 1 (CBP1) mediates transcriptional activation in root symbioses.. <b>2022</b> ,	1
60	Citrus FRIGIDA cooperates with its interaction partner dehydrin to regulate drought tolerance.. <b>2022</b> ,	
59	Characterization of Transcription Regulatory Domains of OsMADS29: Identification of Proximal Auxin-Responsive Domains and a Strong Distal Negative Element.. <b>2022</b> , 13, 850956	0
58	Development of a New Genetic Transformation System for White and Green Ash Using Embryogenic Cultures. <b>2022</b> , 13, 671	1
57	In vitro adventitious shoot regeneration system for Agrobacterium-mediated genetic transformation of Fraxinus mandshurica Rupr.. 1	
56	The potassium channel GhAKT2bD is regulated by CBL-CIPK calcium signaling complexes and facilitates K allocation in cotton.. <b>2022</b> ,	
55	PtoMYB142, a poplar R2R3 MYB transcription factor, contributes to drought tolerance by regulating wax biosynthesis.	0
54	Development of an Agrobacterium-mediated CRISPR/Cas9 system in pea (Pisum sativum L.). <b>2022</b> ,	1
53	The Transcription Factor MdERF78 Is Involved in ALA-Induced Anthocyanin Accumulation in Apples. <b>2022</b> , 13,	1
52	ABI transcription factors and PROTEIN L-ISOASPARTYL METHYLTRANSFERASE module mediate seed desiccation tolerance and longevity in Oryza sativa. <b>2022</b> , 149,	3
51	Genetic transformation of common beans (Phaseolus vulgaris L.) through Agrobacterium tumefaciens carrying Cry1Ab gene.	
50	A G protein coupled receptor like protein systematically modulates nutrient-growth by Ca <sup>2+</sup> mediated phosphatidylcholine perception during evolutionary adaptation.	
49	Generation of transgenic rootstock plum (( <i>Prunus pumila</i> ; <i>L.</i> ; <i>P. salicina</i> ; <i>Lindl.</i> ); <i>P. cerasifera</i> ; <i>Ehrh.</i> )) using hairpin-RNA construct for resistance to the Plum pox virus. <b>2022</b> , 5-14	



48	Adaptation to climate change through dense planting for sustainable agriculture.	
47	Functional characterization of 5'-regulatory region of flavonoid 3',5'-hydroxylase-1 gene of banana plants.	
46	Development of Designer Transcription Activator-Like Effector-Based Plant Growth Regulator for Higher Yield in Rice. 13,	
45	The rolB -transgenic <i>Nicotiana tabacum</i> plants exhibit upregulated ARF7 and ARF19 gene expression. 2022, 6,	
44	Drought-induced proline is mainly synthesized in leaves and transported to roots in watermelon under water deficit. 2022,	1
43	ABA-dependent PMT1 expression regulates salt tolerance by alleviating ABA-mediated ROS production in <i>Arabidopsis</i> .	1
42	Functional characterization of ZmbHLH121, a bHLH transcription factor, focusing on <i>Zea mays</i> kernel development. 2022, 101645	0
41	The Single-Stranded DNA-Binding Gene Whirly (Why1) with a Strong Pathogen-Induced Promoter from <i>Vitis pseudoreticulata</i> Enhances Resistance to <i>Phytophthora capsici</i> . 2022, 23, 8052	1
40	OsSIDP301, a Member of the DUF1644 Family, Negatively Regulates Salt Stress and Grain Size in Rice. 13,	0
39	Eszett (SS; $\beta$ -glucuronidase, a false positive of beta ( $\beta$ )-glucuronidase.	
38	Genome-Wide Expression Profiling Analysis of Kiwifruit GalS and RFS Genes and Identification of AcRFS4 Function in Raffinose Accumulation. 2022, 23, 8836	0
37	Auxin and abscisic acid antagonistically regulate ascorbic acid production via the SLMAPK8/ARF4/IMYB11 module in tomato.	0
36	Nonclimacteric Den-Ju Bariguava ripening behavior is caused by Copia LTR retrotransposon insertion in the promoter region of PgACS1, a System-2 ACC synthase gene. 2022, 193, 112038	0
35	Strategies for Enhancement of Transgene Expression. 2022, 75-106	0
34	Basic helix-loop-helix transcription factor PxbHLH02 enhances drought tolerance in <i>Populus</i> ( <i>Populus simonii</i> P. nigra).	0
33	The IbPYL8-IbbHLH66-IbbHLH118 complex mediates the abscisic acid-dependent drought response in sweet potato.	1
32	A Genotype-Independent, Simple, Effective and Efficient in Planta <i>Agrobacterium</i> -Mediated Genetic Transformation Protocol. 2022, 5, 69	1
31	Ornithine decarboxylase regulates putrescine-related metabolism and pollen development in <i>Atropa belladonna</i> . 2022,	0

- 30 The sugar transporter ZmSUGCAR1 of the nitrate transporter 1/peptide transporter family is critical for maize grain filling. 1
- 29 Intron-Retained Alternatively Spliced VIN3-LIKE 2 Gene from *Chimonanthus praecox* Promotes Flowering in Transgenic *Arabidopsis*. **2022**, 0
- 28 An *Agrobacterium* strain auxotrophic for methionine is useful for switchgrass transformation. 0
- 27 GBPL3 localizes to the nuclear pore complex and functionally connects the nuclear basket with the nucleoskeleton in plants. **2022**, 20, e3001831 1
- 26 Expression of the Sweet Potato MYB Transcription Factor IbMYB48 Confers Salt and Drought Tolerance in *Arabidopsis*. **2022**, 13, 1883 1
- 25 MdMYB110a, directly and indirectly, activates the structural genes for the ALA-induced accumulation of anthocyanin in apple. **2022**, 111511 0
- 24 The dynamics of lncRNAs transcription in interspecific F1 allotriploid hybrids between Brassica species. **2022**, 114, 110505 1
- 23 Elucidating the role of MaBAM9b in starch degradation. **2022**, 325, 111497 0
- 22 MpSNAC67 transcription factor of banana regulates stress induced senescence through salicylic acid dependent pathway. **2023**, 205, 105104 0
- 21 The effect of auxin status driven by bacterivorous nematodes on root growth of *Arabidopsis thaliana*. **2023**, 182, 104730 0
- 20 LjNRT2.3 plays a hierarchical role in the control of high affinity transport system for root nitrate acquisition in *Lotus japonicus*. 13, 0
- 19 Role of auxin in the symbiotic relationship between *Piriformospora indica* and rice plants. **2023**, 25, 100632 0
- 18 Plant growth-promoting properties of the phosphate-solubilizing red yeast *Rhodospiridium paludigenum*. **2023**, 39, 1
- 17 Reducing the biosynthesis of condensed tannin in winged bean (*Psophocarpus tetragonolobus* (L.) DC.) by virus-induced gene silencing of anthocyanidin synthase (ANS) gene. **2023**, 13, 0
- 16 Transcriptome Dynamics of Common Bean Roots Exposed to Various Heavy Metals Reveal Valuable Target Genes and Promoters for Genetic Engineering. 0
- 15 Optimization of callus induction and proliferation of *Paeonia lactiflora* Pall. and *Agrobacterium*-mediated genetic transformation. 13, 0
- 14 Rapid and efficient CRISPR/Cas9-mediated genome editing in potato via hairy root induction. 0
- 13 Promoter of Nitrate Reductase Gene Behaves Differently Under Salinity Stress in Contrasting Rice Genotype. 0

- 12 RD29A promoter constitutively drives a rice Hd3a expression to promote early-flowering in *Saussurea involucre* Kar. et Kir. ex Maxim. **2023**, 195, 155-162
- 11 Overexpression of a WRKY transcription factor McWRKY57-like from *Mentha canadensis* L. enhances drought tolerance in transgenic *Arabidopsis*.
- 10 A protocol for *Agrobacterium*-mediated genetic transformation of *Lens culinaris* Medik (lentil).
- 9 Synthetic sub-genomic transcript promoter from Horseradish Latent Virus (HRLV). **2023**, 257,
- 8 Ca<sup>2+</sup> deficiency triggers panicle degeneration in rice mediated by Ca<sup>2+</sup>/H<sup>+</sup> exchanger OsCAX1a. **2023**, 46, 1610-1628
- 7 An efficient and optimized protocol for tall fescue tissue culture and *Agrobacterium*-mediated genetic transformation. **2023**,
- 6 The *Phaseolus vulgaris* Receptor-Like Kinase PvFER1 and the Small Peptides PvRALF1 and PvRALF6 Regulate Nodule Number as a Function of Nitrate Availability. **2023**, 24, 5230
- 5 Melon yellow-green plant (Cmygp) encodes a Golden2-like transcription factor regulating chlorophyll synthesis and chloroplast development. **2023**, 136,
- 4 Genetic engineering approach for enhancing abiotic stress tolerance in Sapa lily (*Lilium poilanei*). **2023**, 473-482
- 3 Soil microbial diversity, soil health and agricultural sustainability. **2023**, 107-126
- 2 Distinct role of AtCuAO and RBOHD-driven H<sub>2</sub>O<sub>2</sub> production in wound-induced local and systemic leaf-to-leaf and root-to-leaf stomatal closure. 14,
- 1 Establishment of Highly Efficient Plant Regeneration, Callus Transformation and Analysis of *Botrytis cinerea*-Responsive PR Promoters in *Lilium brownii* var. *viridulum*. **2023**, 12, 1992