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1505	Inhibition of lysosomal degradation rescues pentamidine-mediated decreases of K(IR)2.1 ion channel expression but not that of K(v)11.1. 2011 , 652, 96-103	18
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1312	Phylogenomic analysis of UDP glycosyltransferase 1 multigene family in <i>Linum usitatissimum</i> identified genes with varied expression patterns. 2012 , 13, 175	64
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1306	Regulation of Kir4.1 expression in astrocytes and astrocytic tumors: a role for interleukin-1 β 2012 , 9, 280	42
1305	Validation and characterization of <i>Citrus sinensis</i> microRNAs and their target genes. 2012 , 5, 235	8

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1303	Introducing GUT low-density array (GULDA): a validated approach for qPCR-based intestinal microbial community analysis. 2012 , 337, 38-47	61
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1262	Identification of reference genes for RT-qPCR expression analysis in Arabidopsis and tomato seeds. 2012 , 53, 28-37	178
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1182	Improving PCR efficiency for accurate quantification of 16S rRNA genes. 2013 , 93, 148-52	10
1181	Levels of constitutive flavonoid biosynthetic enzymes in carnation (<i>Dianthus caryophyllus</i> L.) cultivars with differential response to <i>Fusarium oxysporum</i> f. sp. <i>dianthi</i> . 2013 , 35, 1233-1245	10
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1163	Assessing sample and miRNA profile quality in serum and plasma or other biofluids. 2013 , 59, S1-6	445
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1129	Bifidogenic effect of whole-grain wheat during a 12-week energy-restricted dietary intervention in postmenopausal women. 2013 , 67, 1316-21	26
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1125	Transcriptional regulation of the purine de novo synthesis gene <i>Prat</i> in <i>Drosophila melanogaster</i> . 2013 , 518, 280-6	1

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1123	Molecular identification of <i>Ostreopsis</i> cf. <i>ovata</i> in filter feeders and putative predators. 2013 , 21-22, 20-29	13
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1121	Changes in synaptic transmission and protein expression in the brains of adult offspring after prenatal inhibition of the kynurenine pathway. 2013 , 254, 241-59	44
1120	Rosuvastatin inhibits spontaneous and IL-1 β -induced interleukin-6 production from human cultured osteoblastic cells. 2013 , 80, 195-200	12
1119	Adult granulosa cell tumours (GCT): clinicopathological outcomes including FOXL2 mutational status and expression. 2013 , 131, 325-9	20
1118	Insulin-like growth factor 1 enhances bile-duct proliferation and fibrosis in <i>Abcb4</i> (-/-) mice. 2013 , 1832, 697-704	8
1117	A viral RNA silencing suppressor interferes with abscisic acid-mediated signalling and induces drought tolerance in <i>Arabidopsis thaliana</i> . 2013 , 14, 158-70	72
1116	<i>Arabidopsis wat1</i> (walls are thin1)-mediated resistance to the bacterial vascular pathogen, <i>Ralstonia solanacearum</i> , is accompanied by cross-regulation of salicylic acid and tryptophan metabolism. 2013 , 73, 225-39	85
1115	Disrupting the cinnamyl alcohol dehydrogenase 1 gene (<i>BdCAD1</i>) leads to altered lignification and improved saccharification in <i>Brachypodium distachyon</i> . 2013 , 73, 496-508	98
1114	Developmentally regulated expression and complex processing of barley pri-microRNAs. 2013 , 14, 34	31
1113	Molecular identification and differential expression of sensory neuron membrane proteins in the antennae of the black cutworm moth <i>Agrotis ipsilon</i> . 2013 , 59, 430-43	51
1112	The jasmonic acid signaling pathway is linked to auxin homeostasis through the modulation of <i>YUCCA8</i> and <i>YUCCA9</i> gene expression. 2013 , 74, 626-37	138
1111	Arbuscular mycorrhizal fungi native from a Mediterranean saline area enhance maize tolerance to salinity through improved ion homeostasis. 2013 , 36, 1771-82	153
1110	Reaction- and sample-specific inhibition affect standardization of qPCR assays of soil bacterial communities. 2013 , 59, 89-97	20
1109	Administration of anti-CD25 mAb leads to impaired β -galactosylceramide-mediated induction of IFN- γ production in a murine model. 2013 , 218, 851-9	6
1108	Differential expression of members of the IGF system in OPU-derived oocytes from Nelore (<i>Bos indicus</i>) and Holstein (<i>Bos taurus</i>) cows. 2013 , 138, 155-8	19
1107	Cytotoxicity and expression of genes involved in the cellular stress response and apoptosis in mammalian fibroblast exposed to cotton cellulose nanofibers. 2013 , 24, 075103	86

1106	Impact of environmental estrogens on nucleotide excision repair gene expression in embryonic zebrafish. 2013 , 157, 361-5	2
1105	Comparative study of microRNA regulation on FOXL2 between adult-type and juvenile-type granulosa cell tumours in vitro. 2013 , 129, 209-15	10
1104	Cellular bias on the microscale: probing the effects of digital microfluidic actuation on mammalian cell health, fitness and phenotype. 2013 , 5, 1014-25	28
1103	Self-rescue of an EXTENSIN mutant reveals alternative gene expression programs and candidate proteins for new cell wall assembly in Arabidopsis. 2013 , 75, 104-116	16
1102	Downregulation of multiple CDK inhibitor ICK/KRP genes upregulates the E2F pathway and increases cell proliferation, and organ and seed sizes in Arabidopsis. 2013 , 75, 642-55	64
1101	Divergence of intracellular signaling pathways and early response genes of two closely related fibroblast growth factors, FGF8 and FGF18, in bovine ovarian granulosa cells. 2013 , 375, 97-105	28
1100	Identification of KCNJ11 as a functional candidate gene for bovine meat tenderness. 2013 , 45, 1215-21	12
1099	The effect of multiple primer-template mismatches on quantitative PCR accuracy and development of a multi-primer set assay for accurate quantification of pcrA gene sequence variants. 2013 , 94, 224-31	19
1098	Effect of ethylene and 1-MCP on expression of genes involved in ethylene biosynthesis and perception during ripening of apple fruit. 2013 , 78, 55-66	99
1097	The effect of an immunomodulator (parapoxvirus ovis) on cell-mediated immunity (CMI) in abruptly weaned foals. 2013 , 153, 118-22	5
1096	Combined small RNA and degradome sequencing reveals novel miRNAs and their targets in response to low nitrate availability in maize. 2013 , 112, 633-42	63
1095	Impaired amino acid metabolism contributes to fasting-induced hypoglycemia in fatty acid oxidation defects. 2013 , 22, 5249-61	41
1094	Catabolism of L-methionine in the formation of sulfur and other volatiles in melon (<i>Cucumis melo</i> L.) fruit. 2013 , 74, 458-72	63
1093	Anatomical and physiological differences and differentially expressed genes between the green and yellow leaf tissue in a variegated chrysanthemum variety. 2013 , 54, 393-411	7
1092	Extracellular microRNAs are dynamic non-vesicular biomarkers of muscle turnover. 2013 , 41, 9500-13	68
1091	Salinity-induced calcium signaling and root adaptation in Arabidopsis require the calcium regulatory protein annexin1. 2013 , 163, 253-62	93
1090	Characterization of the heterotrimeric G-protein complex and its regulator from the green alga <i>Chara braunii</i> expands the evolutionary breadth of plant G-protein signaling. 2013 , 163, 1510-7	18
1089	Acclimation responses of Arabidopsis thaliana to sustained phosphite treatments. 2013 , 64, 1731-43	33

1088	High phosphate reduces host ability to develop arbuscular mycorrhizal symbiosis without affecting root calcium spiking responses to the fungus. 2013 , 4, 426	68
1087	Unleashing the potential of the root hair cell as a single plant cell type model in root systems biology. 2013 , 4, 484	30
1086	SLC26A4 targeted to the endolymphatic sac rescues hearing and balance in Slc26a4 mutant mice. 2013 , 9, e1003641	50
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1081	Impaired innate mucosal immunity in aged mice permits prolonged <i>Streptococcus pneumoniae</i> colonization. 2013 , 81, 4615-25	50
1080	Transcriptional analysis of drought-induced genes in the roots of a tolerant genotype of the common bean (<i>Phaseolus vulgaris</i> L.). 2013 , 14, 7155-79	29
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1075	Pretreatment with brain natriuretic peptide reduces skeletal muscle mitochondrial dysfunction and oxidative stress after ischemia-reperfusion. 2013 , 114, 172-9	26
1074	A trio of viral proteins tunes aphid-plant interactions in <i>Arabidopsis thaliana</i> . 2013 , 8, e83066	49
1073	Generation and analysis of a complete mutant set for the <i>Arabidopsis</i> FT/TFL1 family shows specific effects on thermo-sensitive flowering regulation. 2013 , 64, 1715-29	37
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1071	Genetic regulation of cold-induced albinism in the maize inbred line A661. 2013 , 64, 3657-67	17

1070	Regional differences in stem cell/progenitor cell populations from the mouse achilles tendon. 2013 , 19, 199-210	76
1069	Genomic DNA-based absolute quantification of gene expression in <i>Vitis</i> . 2013 , 148, 334-43	4
1068	Cryogenic Core Collection and Preservation of Subsurface Samples for Biomolecular Analysis. 2013 , 33, 38-43	8
1067	Elicitation of tobacco alkaloid biosynthesis by disrupted spores and filtrate of germinating spores of the arbuscular mycorrhizal fungi <i>Glomus etunicatum</i> . 2013 , 8, 162-169	1
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1062	Use of artificial DNA with multiple probe sites as reference DNA templates for quantitative real-time PCR to examine methanogen communities. 2013 , 48, 417-21	10
1061	Efficient experimental design and analysis of real-time PCR assays. 2013 , 7, 160-70	2
1060	Environmental associations with gene transcription in Babine Lake rainbow trout: evidence for local adaptation. 2013 , 3, 1194-208	9
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1058	Silicic acid supplied to coastal diatom communities influences cellular silicification and the potential export of carbon. 2013 , 58, 1707-1726	11
1057	Interactions of zebrafish peptide YYb with the neuropeptide Y-family receptors Y4, Y7, Y8a, and Y8b. 2013 , 7, 29	27
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1053	<i>Methylobacterium</i> -plant interaction genes regulated by plant exudate and quorum sensing molecules. 2013 , 44, 1331-9	31

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1051	Genetic transformation of sweet oranges with the D4E1 gene driven by the AtPP2 promoter. 2013 , 48, 741-747	7
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1046	PAPP5 is involved in the tetrapyrrole mediated plastid signalling during chloroplast development. 2013 , 8, e60305	16
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1044	Genome-wide analysis of the expansin gene superfamily reveals grapevine-specific structural and functional characteristics. 2013 , 8, e62206	79
1043	Proteomic characterization of inbreeding-related cold sensitivity in <i>Drosophila melanogaster</i> . 2013 , 8, e62680	5
1042	Identification of drought tolerance markers in a diverse population of rice cultivars by expression and metabolite profiling. 2013 , 8, e63637	92
1041	Endolymphatic Na ⁺ and K ⁺ concentrations during cochlear growth and enlargement in mice lacking <i>Slc26a4/pendrin</i> . 2013 , 8, e65977	13
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1039	Regulation of RNA-dependent RNA polymerase 1 and isochorismate synthase gene expression in <i>Arabidopsis</i> . 2013 , 8, e66530	63
1038	Similarly potent inhibition of adenylyl cyclase by P-site inhibitors in hearts from wild type and AC5 knockout mice. 2013 , 8, e68009	15
1037	Soybean toxin (SBTX) impairs fungal growth by interfering with molecular transport, carbohydrate/amino acid metabolism and drug/stress responses. 2013 , 8, e70425	5
1036	Identification and validation of reference genes for transcript normalization in strawberry (<i>Fragaria</i> <i>lananassa</i>) defense responses. 2013 , 8, e70603	62
1035	Non-additive transcriptional profiles underlie dikaryotic superiority in <i>Pleurotus ostreatus</i> laccase activity. 2013 , 8, e73282	12

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1033	Human umbilical cord blood mononuclear cells in a double-hit model of bronchopulmonary dysplasia in neonatal mice. 2013 , 8, e74740	28
1032	Use of MSAP markers to analyse the effects of salt stress on DNA methylation in rapeseed (<i>Brassica napus</i> var. <i>oleifera</i>). 2013 , 8, e75597	60
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1023	Quantification of the pirimicarb resistance allele frequency in pooled cotton aphid (<i>Aphis gossypii</i> Glover) samples by TaqMan SNP genotyping assay. 2014 , 9, e91104	8
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1000	Highly expressed captured genes and cross-kingdom domains present in Helitrons create novel diversity in <i>Pleurotus ostreatus</i> and other fungi. 2014 , 15, 1071	13
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723	In vitro protective effects of <i>Paeonia mascula</i> subsp. <i>hellenica</i> callus extract on human keratinocytes. 2020 , 10, 19213	6
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597	TuMV infection alters miR168/AGO1 and miR403/AGO2 systems regulation in Arabidopsis.	4
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