

[GO Accession: GO:0050896](#)

Ontology: Biological Process

Description: response to stimulus

Annotated/Total number in query list: 45/322

Annotated/Total number in background/reference: 985/31819

ID	Description	log2(fold_change)
AT5G59845	Gibberellin-regulated family protein	-3.2326
AT3G59900	ARGOS auxin-regulated gene involved	-3.22481
AT2G14610	PR1, PR 1, ATPR1 pathogenesis-relate	-2.40485
AT3G16670	Pollen Ole e 1 allergen and	-2.38297
AT4G16260	Glycosyl hydrolase superfamily protei	-2.36978
AT5G51890	Peroxidase superfamily protein	-2.0227
AT5G20630	GLP3, GLP3A, GLP3B, ATGER3, GER3 g	-1.87719
AT1G19840	SAUR-like auxin-responsive protein fa	-1.84963
AT5G23400	Leucine-rich repeat (LRR) family prote	-1.74694
AT4G08950	EXO Phosphate-responsive 1 family pi	-1.74198
AT1G65870	Disease resistance-responsive (diriger	-1.73882
AT4G36410	UBC17 ubiquitin-conjugating enzyme	-1.6778
AT1G77700	Pathogenesis-related thaumatin supe	-1.66602
AT4G24180	TLP1, ATTLP1 THAUMATIN-LIKE PROTI	-1.64285
AT5G15180	Peroxidase superfamily protein	-1.5499
AT4G23550	WRKY29, ATWRKY29 WRKY family tra	-1.48748
AT3G18485	ILR2 iaa-leucine resistant 2	-1.42713
AT2G46970	PIL1 phyto	-1.37855
AT2G29130	LAC2, ATLAC2 laccase 2	-1.37506
AT1G14540	Peroxidase superfamily protein	-1.35362
AT4G09950	P-loop containing nucleoside triphosp	-1.35058
AT5G67450	AZF1, ZF1 zinc-finger protein 1	-1.32776
AT5G40020	Pathogenesis-related thaumatin supe	-1.28473
AT2G33710	Integrase-type DNA-binding superfam	-1.28413
AT4G18780	CESA8, IRX1, ATCESA8, LEW2 cellulose	-1.28274
AT2G04070	MATE efflux family protein	-1.23187
AT1G73620	Pathogenesis-related thaumatin supe	-1.21617
AT1G59740	Major facilitator superfamily protein	-1.20696
AT3G52450	PUB22 plant U-box 22	-1.20116
AT3G06370	NHX4, ATNHX4 sodium hydrogen excl	-1.17723
AT1G65390	ATPP2-A5, PP2-A5 phloem protein 2 A	-1.15905
AT5G19875	CONTAINS InterPro DOMAIN/s: Ubiqu	-1.15513
AT3G27060	VQ motif-containing protein	-1.12539
AT1G71930	----	-1.11131
AT1G26945	KDR basic helix-loop-helix (bHLH) DNA	-1.11031

AT1G02930	ATGSTF6, GST1, ERD11, ATGSTF3, GST	-1.09333
AT5G04530	KCS19 3-ketoacyl-CoA synthase 19	-1.08518
AT1G22690	Gibberellin-regulated family protein	-1.07635
AT4G25420	GA5, GA20OX1, AT2301, ATGA20OX1	-1.07537
AT5G47800	Phototropic-responsive NPH3 family p	-1.07091
AT1G65060	4CL3 4-coumarate:CoA ligase 3	-1.05677
AT2G44080	ARL ARGOS-like	-1.05518
AT3G25010	AtRLP41, RLP41 receptor like protein	-1.04377
AT3G55990	ESK1, TBL29 Plant protein of unknowr	-1.01225
AT4G29140	MATE efflux family protein	-1.00247

[GO Accession: GO:0042221](#)

Ontology: Biological Process

Description: response to chemical stimulus

Annotated/Total number in query list: 26/322

Annotated/Total number in background/reference: 439/31819

ID	Description	log2(fold_change)
AT5G59845	Gibberellin-regulated family prote	-3.2326
AT3G59900	ARGOS auxin-regulated gene invo	-3.22481
AT2G14610	PR1, PR 1, ATPR1 pathogenesis-re	-2.40485
AT3G16670	Pollen Ole e 1 allergen and	-2.38297
AT5G51890	Peroxidase superfamily protein	-2.0227
AT1G19840	SAUR-like auxin-responsive prote	-1.84963
AT4G08950	EXO Phosphate-responsive 1 fami	-1.74198
AT4G36410	UBC17 ubiquitin-conjugating enzy	-1.6778
AT5G15180	Peroxidase superfamily protein	-1.5499
AT4G23550	WRKY29, ATWRKY29 WRKY family	-1.48748
AT3G18485	ILR2 iaa-leucine resistant 2	-1.42713
AT2G29130	LAC2, ATLAC2 laccase 2	-1.37506
AT1G14540	Peroxidase superfamily protein	-1.35362
AT5G67450	AZF1, ZF1 zinc-finger protein 1	-1.32776
AT2G33710	Integrase-type DNA-binding supe	-1.28413
AT4G18780	CESA8, IRX1, ATCESA8, LEW2 cellu	-1.28274
AT2G04070	MATE efflux family protein	-1.23187
AT3G52450	PUB22 plant U-box 22	-1.20116
AT5G19875	CONTAINS InterPro DOMAIN/s: U	-1.15513
AT1G71930	----	-1.11131
AT1G02930	ATGSTF6, GST1, ERD11, ATGSTF3,	-1.09333
AT1G22690	Gibberellin-regulated family prote	-1.07635
AT4G25420	GA5, GA20OX1, AT2301, ATGA20	-1.07537
AT2G44080	ARL ARGOS-like	-1.05518
AT3G55990	ESK1, TBL29 Plant protein of unkr	-1.01225
AT4G29140	MATE efflux family protein	-1.00247

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[GO Accession: GO:0006950](#)

Ontology: Biological Process

Description: response to stress

Annotated/Total number in query list: 22/322

Annotated/Total number in background/reference: 456/31819

ID	Description	log2(fold_change)
AT2G14610	PR1, PR 1, ATPR1 pathogenesis	-2.40485
AT3G16670	Pollen Ole e 1 allergen and	-2.38297
AT4G16260	Glycosyl hydrolase superfamily	-2.36978
AT5G51890	Peroxidase superfamily protein	-2.0227
AT5G20630	GLP3, GLP3A, GLP3B, ATGER3, I	-1.87719
AT5G23400	Leucine-rich repeat (LRR) famil	-1.74694
AT1G65870	Disease resistance-responsive (-1.73882
AT5G15180	Peroxidase superfamily protein	-1.5499
AT2G29130	LAC2, ATLAC2 laccase 2	-1.37506
AT1G14540	Peroxidase superfamily protein	-1.35362
AT5G67450	AZF1, ZF1 zinc-finger protein 1	-1.32776
AT4G18780	CESA8, IRX1, ATCESA8, LEW2 c	-1.28274
AT3G52450	PUB22 plant U-box 22	-1.20116
AT3G06370	NHX4, ATNHX4 sodium hydrog	-1.17723
AT1G65390	ATPP2-A5, PP2-A5 phloem prot	-1.15905
AT5G19875	CONTAINS InterPro DOMAIN/s:	-1.15513
AT3G27060	VQ motif-containing protein	-1.12539
AT1G02930	ATGSTF6, GST1, ERD11, ATGSTI	-1.09333
AT5G04530	KCS19 3-ketoacyl-CoA synthase	-1.08518
AT1G65060	4CL3 4-coumarate:CoA ligase 3	-1.05677
AT3G25010	AtRLP41, RLP41 receptor like p	-1.04377
AT3G55990	ESK1, TBL29 Plant protein of ur	-1.01225