

**Table S1 The annotation of 305 genes carrying large-effect InDels**

Gene ID	Annotations	Arabidopsis ortholog
<i>Glyma.01G025800</i>	Octicosapeptide/Phox/Bem1p domain-containing family protein	<i>AT3G26510</i>
<i>Glyma.01G102100</i>	NA	<i>AT2G37730</i>
<i>Glyma.01G128800</i>	Cys-rich domain protein (Fragment)	<i>AT5G05350</i>
<i>Glyma.01G174100</i>	LEA-like protein	<i>AT4G36600</i>
<i>Glyma.01G224200</i>	Histone acetyltransferase type B subunit	<i>AT4G11110</i>
<i>Glyma.02G032000</i>	NA	NA
<i>Glyma.02G053500</i>	Cell division protease ftsH-like protein	<i>AT5G17760</i>
<i>Glyma.02G061800</i>	NA	NA
<i>Glyma.02G066700</i>	40S ribosomal protein S27	<i>AT5G13950</i>
<i>Glyma.02G066900</i>	NA	NA
<i>Glyma.02G067200</i>	Malate O-hydroxycinnamoyl transferase	<i>AT2G19070</i>
<i>Glyma.02G108100</i>	Beta-1,3-galactosyltransferase	<i>AT1G26810</i>
<i>Glyma.02G109900</i>	Cell division cycle and apoptosis regulator protein	<i>AT2G03150</i>
<i>Glyma.02G114100</i>	NA	NA
<i>Glyma.02G118400</i>	Phosphoenolpyruvate carboxylase	<i>AT1G68750</i>
<i>Glyma.02G162700</i>	Calcineurin-like phosphoesterase family protein	<i>AT5G63140</i>
<i>Glyma.02G193100</i>	NA	<i>AT4G15020</i>
<i>Glyma.02G204500</i>	Earlyodulin-55-1 (Fragment)	<i>AT5G57920</i>
<i>Glyma.02G227600</i>	SelT-like protein-like protein	<i>AT5G58640</i>
<i>Glyma.02G239200</i>	Nibrin	<i>AT3G02680</i>
<i>Glyma.02G239900</i>	T19E23.2	<i>AT1G31240</i>
<i>Glyma.02G258100</i>	E3 ubiquitin ligase family protein	<i>AT5G05560</i>
<i>Glyma.02G287400</i>	Protodermal factor 1.2	NA
<i>Glyma.02G289200</i>	F-box protein	<i>AT1G56400</i>
<i>Glyma.03G005500</i>	MATE efflux family protein	<i>AT1G33110</i>
<i>Glyma.03G035700</i>	Non-specific lipid-transfer protein	<i>AT5G59310</i>
<i>Glyma.03G040600</i>	Alanine glyoxylate aminotransferase-like protein	<i>AT3G08860</i>
<i>Glyma.03G043600</i>	NB-LRR type disease resistance protein Rps1-k-2	<i>AT3G14470</i>
<i>Glyma.03G075100</i>	NB-LRR type disease resistance protein Rps1-k-2	<i>AT3G14460</i>
<i>Glyma.03G075200</i>	NB-LRR type disease resistance protein	<i>AT3G14470</i>
<i>Glyma.03G078200</i>	BAHD acyltransferase DCR	<i>AT5G01210</i>
<i>Glyma.03G081100</i>	Helicase-like protein	<i>AT5G28780</i>
<i>Glyma.03G084800</i>	Helicase-like protein	NA
<i>Glyma.03G088800</i>	Serine/threonine protein kinase OX11	<i>AT3G25250</i>
<i>Glyma.03G103300</i>	60S ribosomal protein L5	<i>AT3G25520</i>
<i>Glyma.03G108900</i>	Tryptophanyl-tRNA synthetase	<i>AT3G04600</i>
<i>Glyma.03G127900</i>	Proton-coupled amino acid transporter	<i>AT2G41190</i>

<i>Glyma.03G165200</i>	Long-chain-alcohol oxidase	<i>AT4G28570</i>
<i>Glyma.03G168100</i>	PDR-like ABC-transporter	<i>AT1G15520</i>
<i>Glyma.03G174600</i>	NA	NA
<i>Glyma.03G209200</i>	NA	NA
<i>Glyma.03G229800</i>	Galactinol synthase	<i>AT1G56600</i>
<i>Glyma.03G259800</i>	Rac GTPase activating protein 2 (Fragment)	<i>AT2G46710</i>
<i>Glyma.04G012700</i>	Glycine-rich RNA binding protein	<i>AT2G21660</i>
<i>Glyma.04G106700</i>	NA	NA
<i>Glyma.04G207700</i>	Filament-like plant protein	<i>AT3G05270</i>
<i>Glyma.04G212600</i>	Probable gamma-secretase subunit PEN-2	<i>AT5G09310</i>
<i>Glyma.04G224200</i>	E3 ubiquitin-protein ligase synoviolin B	<i>AT5G01960</i>
<i>Glyma.04G242900</i>	Cysteine-rich receptor-like protein kinase 25	<i>AT5G56790</i>
<i>Glyma.04G246500</i>	Candidate disease-resistance protein	NA
<i>Glyma.05G016400</i>	Phenylalanyl-tRNA synthetase beta chain family protein	<i>AT1G72550</i>
<i>Glyma.05G126300</i>	TIR-NBS-LRR RCT1-like resistance protein	<i>AT2G44930</i>
<i>Glyma.05G145300</i>	Lysine/histidine transporter (Fragment)	<i>AT1G24400</i>
<i>Glyma.05G152200</i>	Subtilisin-like protease	<i>AT2G04160</i>
<i>Glyma.05G170600</i>	Kinase-like protein	<i>AT3G47570</i>
<i>Glyma.05G184800</i>	Probable ATP synthase 24 kDa subunit, mitochondrial	<i>AT2G21870</i>
<i>Glyma.05G210000</i>	BRH1 RING finger protein	<i>AT3G61460</i>
<i>Glyma.05G211300</i>	Nodulin family protein	<i>AT2G16660</i>
<i>Glyma.05G220800</i>	tRNA pseudouridine synthase	<i>AT5G35400</i>
<i>Glyma.05G232000</i>	Leucine-rich repeat extensin-like protein 4	<i>AT3G24480</i>
<i>Glyma.05G244100</i>	Mother of flowering locus T-like protein	<i>AT1G18100</i>
<i>Glyma.06G013200</i>	Organ-specific protein S2	NA
<i>Glyma.06G016700</i>	Calcium-binding EF hand family protein	<i>AT1G20760</i>
<i>Glyma.06G032700</i>	BAC19.4	<i>AT4G36660</i>
<i>Glyma.06G036000</i>	Serine/threonine protein kinase BRI1-like protein	<i>AT2G15880</i>
<i>Glyma.06G079300</i>	NA	NA
<i>Glyma.06G097900</i>	GATA transcription factor	<i>AT4G24470</i>
<i>Glyma.06G114800</i>	Protein disulfide isomerase-like protein	<i>AT1G77510</i>
<i>Glyma.06G137400</i>	Ribosomal protein-like protein	<i>AT2G13770</i>
<i>Glyma.06G149700</i>	DNAJ heat shock-terminal domain-containing family protein	<i>AT2G18465</i>
<i>Glyma.06G162000</i>	Glucosamine 6-phosphate-acetyltransferase	<i>AT5G15770</i>
<i>Glyma.06G165600</i>	Poly(A) polymerase	<i>AT5G23690</i>
<i>Glyma.06G237600</i>	Ankyrin repeat protein	<i>AT4G10720</i>
<i>Glyma.06G245200</i>	Thioredoxin	<i>AT3G15360</i>
<i>Glyma.06G245900</i>	NA	NA
<i>Glyma.06G246900</i>	Transposon-like element Lyt2-1 DNA	<i>AT4G38180</i>
<i>Glyma.06G252000</i>	Protein ULTRAPETALA 2	<i>AT2G20825</i>

<i>Glyma.06G258900</i>	Serine/threonine-protein kinase	<i>AT4G27290</i>
<i>Glyma.06G261400</i>	TIR-NBS-LRR type disease resistance protein	<i>AT5G17680</i>
<i>Glyma.06G263800</i>	Acetyl-CoA carboxylase (Fragment)	<i>AT1G36160</i>
<i>Glyma.06G265300</i>	Helicase-like protein	<i>AT3G51690</i>
<i>Glyma.06G265400</i>	TIR-NBS-LRR type disease resistance protein	<i>AT5G17680</i>
<i>Glyma.06G276700</i>	NA	NA
<i>Glyma.06G289900</i>	Reticulon-like protein	<i>AT2G20590</i>
<i>Glyma.06G309300</i>	GmCK3p (Fragment)	<i>AT1G74320</i>
<i>Glyma.07G064100</i>	Rpp4 candidate R10	<i>AT4G27220</i>
<i>Glyma.07G064400</i>	NA	<i>AT5G01150</i>
<i>Glyma.07G065000</i>	Rpp4 candidate R10	<i>AT4G27220</i>
<i>Glyma.07G065500</i>	Rpp4 candidate R10	<i>AT4G27220</i>
<i>Glyma.07G065600</i>	Rpp4 candidate R5	<i>AT4G27190</i>
<i>Glyma.07G089100</i>	Anthranilate phosphoribosyltransferase-like protein	<i>AT3G57880</i>
<i>Glyma.07G093200</i>	PIB25 armadillo repeat protein	<i>AT5G19330</i>
<i>Glyma.07G097000</i>	Chlorophyllase 2	<i>AT1G19670</i>
<i>Glyma.07G105300</i>	DEAD-box ATP-dependent RNA helicase	<i>AT1G55150</i>
<i>Glyma.07G113700</i>	NA	NA
<i>Glyma.07G151800</i>	Beta-glucosidase	<i>AT1G02850</i>
<i>Glyma.07G179800</i>	93DD10 2-oxoglutarate-dependent dioxygenase	<i>AT3G19000</i>
<i>Glyma.07G183500</i>	HVA22-like protein a	<i>AT1G74520</i>
<i>Glyma.07G186500</i>	LRR receptor-like protein kinase	<i>AT5G38250</i>
<i>Glyma.07G196900</i>	EMB2001	<i>AT2G22870</i>
<i>Glyma.07G197000</i>	F3H9.11 protein	<i>AT1G28240</i>
<i>Glyma.07G199700</i>	Ethylene-responsive transcription factor 9	<i>AT5G44210</i>
<i>Glyma.07G213600</i>	Gsr1914 protein	<i>AT5G20935</i>
<i>Glyma.07G214100</i>	PI-PLC X domain-containing protein	<i>AT3G19310</i>
<i>Glyma.07G248000</i>	Phosphatase 2C family protein	<i>AT3G16560</i>
<i>Glyma.07G248600</i>	Cold-regulated protein	<i>AT1G09070</i>
<i>Glyma.08G023800</i>	NA	<i>AT4G10930</i>
<i>Glyma.08G100500</i>	F-box/FBD/LRR-repeat protein	<i>AT1G13570</i>
<i>Glyma.08G100600</i>	Probable mediator of RNA polymerase II transcription subunit 19b	<i>AT5G19480</i>
<i>Glyma.08G115400</i>	Acetyl-coenzyme A synthetase	<i>AT1G55320</i>
<i>Glyma.08G143700</i>	NA	NA
<i>Glyma.08G177100</i>	NA	<i>AT5G64310</i>
<i>Glyma.08G198800</i>	Receptor-like protein kinase	<i>AT2G19210</i>
<i>Glyma.08G234700</i>	RNA binding protein	<i>AT1G54310</i>
<i>Glyma.08G299500</i>	Mitochondrial substrate carrier family protein	<i>AT3G05290</i>
<i>Glyma.08G304900</i>	Non-specific lipid-transfer protein	NA

<i>Glyma.08G305500</i>	Fimbrin-1	<i>AT5G35700</i>
<i>Glyma.08G305600</i>	NBS-LRR resistance protein RGH1-like	<i>AT5G45520</i>
<i>Glyma.08G317800</i>	Transcription factor	<i>AT4G26930</i>
<i>Glyma.08G319200</i>	NA	NA
<i>Glyma.08G319300</i>	NBS-containing resistance-like protein	<i>AT3G46730</i>
<i>Glyma.08G334300</i>	Kinase family protein	<i>AT4G14480</i>
<i>Glyma.08G339600</i>	NA	NA
<i>Glyma.08G361500</i>	Callose synthase	<i>AT5G13000</i>
<i>Glyma.09G035200</i>	NA	NA
<i>Glyma.09G043200</i>	A7B0D3 bidirectional sugar transporter SWEET17	<i>AT4G15920</i>
<i>Glyma.09G076100</i>	Pectinesterase	<i>AT2G26450</i>
<i>Glyma.09G086600</i>	Pentatricopeptide repeat-containing family protein	<i>AT1G03540</i>
<i>Glyma.09G108300</i>	Helicase-like protein	NA
<i>Glyma.09G118100</i>	Glycine-rich family protein	<i>AT2G43630</i>
<i>Glyma.09G125100</i>	Nucleolar complex protein-like protein	<i>AT2G17250</i>
<i>Glyma.09G146200</i>	SEU1 protein	<i>AT5G62090</i>
<i>Glyma.09G216500</i>	NA	NA
<i>Glyma.09G227900</i>	2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase superfamily protein	<i>AT4G13400</i>
<i>Glyma.09G242800</i>	DNA binding protein	<i>AT3G60320</i>
<i>Glyma.09G254100</i>	Salicylic acid/benzoic acid carboxyl methyltransferase	<i>AT3G11480</i>
<i>Glyma.10G003400</i>	Genomic DNA, chromosome 3, P1 clone: MWI23	<i>AT3G22810</i>
<i>Glyma.10G006000</i>	NA	NA
<i>Glyma.10G043900</i>	Maternal effect embryo arrest 40 protein	<i>AT3G53700</i>
<i>Glyma.10G139200</i>	Pectin acetyltransferase	<i>AT1G57590</i>
<i>Glyma.10G156100</i>	Heavy metal transport/detoxification domain-containing protein	<i>AT5G19090</i>
<i>Glyma.10G182900</i>	Harpin binding protein 1	<i>AT3G23400</i>
<i>Glyma.10G193300</i>	NA	NA
<i>Glyma.10G237000</i>	Steroid binding protein	<i>AT5G52240</i>
<i>Glyma.10G269900</i>	Amino-acid permease BAT1 homolog	<i>AT2G01170</i>
<i>Glyma.10G272500</i>	NA	<i>AT1G25370</i>
<i>Glyma.10G276800</i>	Nitrate and chloride transporter	<i>AT2G39210</i>
<i>Glyma.10G284900</i>	RING-finger protein	<i>AT3G19910</i>
<i>Glyma.11G097500</i>	Calcium-binding EF hand family protein	<i>AT4G38810</i>
<i>Glyma.11G111600</i>	NA	<i>AT3G51100</i>
<i>Glyma.11G164900</i>	NA	NA
<i>Glyma.11G168000</i>	NA	<i>AT2G42380</i>
<i>Glyma.11G171200</i>	Chromodomain helicase-DNA-binding protein	<i>AT5G58610</i>
<i>Glyma.11G206000</i>	Xenotropic and polytropic retrovirus receptor	<i>AT5G35730</i>
<i>Glyma.12G009600</i>	Ribosomal protein L1	<i>AT3G63490</i>

<i>Glyma.12G041200</i>	CM0216.380.nc protein	AT5G66440
<i>Glyma.12G041900</i>	CM0216.320.nc protein	AT2G17080
<i>Glyma.12G042700</i>	Isoflavone reductase-like protein	AT4G34540
<i>Glyma.12G054800</i>	Bifunctional protein aas	AT1G20480
<i>Glyma.12G060600</i>	Pumilio-like protein	AT2G29190
<i>Glyma.12G139800</i>	NA	AT5G54540
<i>Glyma.12G178400</i>	Gag-pol polyprotein	NA
<i>Glyma.12G188000</i>	Pentatricopeptide repeat-containing protein	AT1G05750
<i>Glyma.12G196000</i>	Xenotropic and polytropic retrovirus receptor	AT5G35730
<i>Glyma.12G215400</i>	Formin-like protein	AT3G25500
<i>Glyma.12G220800</i>	NA	NA
<i>Glyma.12G228400</i>	NA	AT3G15000
<i>Glyma.12G232200</i>	30S ribosomal protein S18, chloroplastic	ATCG00650
<i>Glyma.12G236800</i>	Nuclear transcription factor Y subunit A7	AT5G12840
<i>Glyma.12G237900</i>	2'-hydroxy isoflavone/dihydroflavonol reductase homolog (Fragment)	AT2G45400
<i>Glyma.12G239200</i>	TMV resistance protein	AT5G36930
<i>Glyma.13G032700</i>	Kinase-like protein	AT1G66910
<i>Glyma.13G040000</i>	NA	AT5G53220
<i>Glyma.13G161400</i>	Xylogalacturonan beta-1,3-xylosyltransferase	AT5G20260
<i>Glyma.13G168700</i>	Formate dehydrogenase	AT5G14780
<i>Glyma.13G169200</i>	Metal-dependent phosphohydrolase HD domain-containing protein	AT5G40270
<i>Glyma.13G171200</i>	Ribosomal RNA-processing protein-like protein	AT5G38720
<i>Glyma.13G172100</i>	Glutamate receptor 2.7	AT2G29120
<i>Glyma.13G177600</i>	Dof9	AT1G51700
<i>Glyma.13G183600</i>	S-linalool synthase	AT1G61120
<i>Glyma.13G184100</i>	CK25	AT1G11125
<i>Glyma.13G186000</i>	Pectinesterase	AT3G10720
<i>Glyma.13G190000</i>	Disease resistance protein	AT3G14470
<i>Glyma.13G190500</i>	NA	NA
<i>Glyma.13G276400</i>	RNA-binding S4	AT1G53120
<i>Glyma.13G298900</i>	NA	NA
<i>Glyma.14G000800</i>	Calcium-dependent protein kinase	AT2G17290
<i>Glyma.14G022600</i>	Bromodomain-containing protein	AT5G55040
<i>Glyma.14G044300</i>	F-box/WD-40 repeat-containing protein	AT5G21040
<i>Glyma.14G048100</i>	DNA-directed RNA polymerase subunit beta	AT4G08850
<i>Glyma.14G061000</i>	NA	NA
<i>Glyma.14G061400</i>	Exostosin-2	AT3G55830
<i>Glyma.14G088500</i>	Retrotransposon like protein	NA

<i>Glyma.14G165900</i>	NA	NA
<i>Glyma.14G192600</i>	Myb	AT5G11050
<i>Glyma.14G213200</i>	Glutamine synthetase-1	AT5G16570
<i>Glyma.14G219300</i>	Tubulin beta-1 chain-like protein	AT1G75780
<i>Glyma.15G009100</i>	DCC family protein	AT1G52590
<i>Glyma.15G022000</i>	Transcription factor bHLH87	AT3G21330
<i>Glyma.15G024000</i>	Nucleosome/chromatin assembly factor group	AT2G19520
<i>Glyma.15G121300</i>	Phosphoglycolate phosphatase	AT5G47760
<i>Glyma.15G149500</i>	JHL07K02.11 protein	AT5G50990
<i>Glyma.15G157000</i>	Polygalacturonase QRT3	AT4G20050
<i>Glyma.15G181200</i>	DEAD-box ATP-dependent RNA helicase	AT2G40700
<i>Glyma.15G181700</i>	Oligoribonuclease	AT3G42170
<i>Glyma.15G189600</i>	Protein-tyrosine phosphatase mitochondrial	AT5G56610
<i>Glyma.15G201200</i>	Dihydroxyacetone kinase family protein	AT3G17770
<i>Glyma.15G209400</i>	NA	NA
<i>Glyma.15G220200</i>	Homeobox-leucine zipper protein ROC7	AT4G04890
<i>Glyma.15G224500</i>	Subtilisin-like protease	AT1G20160
<i>Glyma.15G226600</i>	Cysteine-rich receptor-like protein kinase	AT3G22060
<i>Glyma.15G230400</i>	Disease resistance protein	AT3G14470
<i>Glyma.15G247600</i>	Cc-nbs resistance protein	AT4G27190
<i>Glyma.15G249600</i>	NA	NA
<i>Glyma.15G255400</i>	Arginine/serine-rich protein	AT1G16610
<i>Glyma.16G032900</i>	Mitogen-activated protein kinase	AT4G01370
<i>Glyma.16G063400</i>	E3 ubiquitin-protein ligase	AT3G27330
<i>Glyma.16G077700</i>	GAMYB-binding protein	AT1G77180
<i>Glyma.16G125800</i>	Receptor-like kinase	AT2G34930
<i>Glyma.16G128000</i>	Rj2 protein	AT5G17680
<i>Glyma.16G130000</i>	Heterogeneous nuclear ribonucleoprotein Q	AT2G44710
<i>Glyma.16G136900</i>	Resistance protein	AT5G17680
<i>Glyma.16G156500</i>	Forkhead-associated domain-containing family protein	AT1G34355
<i>Glyma.16G158300</i>	Contains similarity to 22 kDa peroxisomal membrane protein	AT5G43140
<i>Glyma.16G166300</i>	Protein SET DOMAIN GROUP	AT1G43245
<i>Glyma.16G168900</i>	Abscisic acid 8'-hydroxylase 1	AT5G45340
<i>Glyma.16G170900</i>	Receptor protein kinase-like protein	AT1G74170
<i>Glyma.16G171500</i>	Receptor protein kinase-like protein	AT2G34930
<i>Glyma.16G174700</i>	Receptor-like kinase	AT2G34930
<i>Glyma.16G188900</i>	Glycosyltransferase	AT5G23850
<i>Glyma.16G194600</i>	RING-H2 finger protein ATL3B	AT3G05200
<i>Glyma.16G202100</i>	Cysteine-rich receptor-like protein kinase	AT4G23170
<i>Glyma.16G202400</i>	Cysteine-rich receptor-like protein kinase	AT4G05200

<i>Glyma.16G209000</i>	TMV resistance protein	<i>AT1G72920</i>
<i>Glyma.16G215800</i>	NA	<i>AT5G54300</i>
<i>Glyma.16G219700</i>	CASP-like protein RCOM_1206790	<i>AT2G39530</i>
<i>Glyma.17G029200</i>	Phosphatase 2C family protein	<i>AT5G27930</i>
<i>Glyma.17G071500</i>	HAT family dimerization domain containing protein	<i>AT1G19260</i>
<i>Glyma.17G082300</i>	2x PHD domain containing protein-like	<i>AT3G05670</i>
<i>Glyma.17G091900</i>	Auxin-induced protein 5NG4	<i>AT5G40240</i>
<i>Glyma.17G157500</i>	NA	NA
<i>Glyma.17G164000</i>	Reverse transcriptase (Fragment)	NA
<i>Glyma.17G205700</i>	Transcriptional corepressor LEUNIG	<i>AT4G32551</i>
<i>Glyma.17G213800</i>	Syringolide-induced protein 1-3-1B	<i>AT5G08520</i>
<i>Glyma.18G027000</i>	NF-X1-type zinc finger proteinFXL1	<i>AT5G05660</i>
<i>Glyma.18G027900</i>	Cation proton exchanger	<i>AT2G13620</i>
<i>Glyma.18G033700</i>	Peptide transporter PTR3-B	<i>AT2G02040</i>
<i>Glyma.18G033900</i>	Peptide transporter PTR3-B	<i>AT2G37900</i>
<i>Glyma.18G070200</i>	NA	NA
<i>Glyma.18G079200</i>	Zinc knuckle family protein	NA
<i>Glyma.18G082000</i>	Kinesin like protein	<i>AT3G20150</i>
<i>Glyma.18G085300</i>	Pirin-like protein	<i>AT1G50590</i>
<i>Glyma.18G106600</i>	HAT family dimerization domain containing protein	<i>AT1G19260</i>
<i>Glyma.18G108000</i>	Helicase-like protein	<i>AT3G51690</i>
<i>Glyma.18G124100</i>	Binding protein	<i>AT2G38780</i>
<i>Glyma.18G131300</i>	Matrix metalloproteinase-9	<i>AT1G70170</i>
<i>Glyma.18G195000</i>	Tyrosine/dopa decarboxylase	<i>AT3G09110</i>
<i>Glyma.18G197100</i>	NA	NA
<i>Glyma.18G199900</i>	NA	NA
<i>Glyma.18G209400</i>	Universal stress protein	NA
<i>Glyma.18G214800</i>	MATE efflux family protein (Fragment)	<i>AT2G38510</i>
<i>Glyma.18G252500</i>	Pentatricopeptide repeat-containing protein (Fragment)	<i>AT4G19890</i>
<i>Glyma.18G254100</i>	Mitochondrial chaperone BCS1	<i>AT5G40010</i>
<i>Glyma.18G254700</i>	Receptor protein kinase-like protein	<i>AT4G08850</i>
<i>Glyma.18G272700</i>	Serine-threonine kinase	<i>AT5G28680</i>
<i>Glyma.18G278000</i>	Ribosome biogenesis protein BRX1-like protein	<i>AT3G15460</i>
<i>Glyma.18G280400</i>	93D411 BED finger-nbs resistance protein	<i>AT4G10780</i>
<i>Glyma.18G283200</i>	CC-NBS-LRR disease resistance protein	<i>AT3G46530</i>
<i>Glyma.18G284600</i>	Glucose-6-phosphate 1-dehydrogenase	<i>AT5G13110</i>
<i>Glyma.18G296900</i>	Ribulose bisphosphate carboxylase small chain	<i>AT5G38410</i>
<i>Glyma.19G004100</i>	F4P13.11 protein	<i>AT3G01560</i>
<i>Glyma.19G055000</i>	Functional candidate resistance protein KR1	<i>AT5G36930</i>
<i>Glyma.19G062900</i>	NA	NA

<i>Glyma.19G119800</i>	Presenilin	<i>AT1G08700</i>
<i>Glyma.19G137200</i>	NBS-LRR disease resistance protein	<i>AT3G14460</i>
<i>Glyma.19G142100</i>	DNA-binding protein SMUBP-2	<i>AT2G03270</i>
<i>Glyma.19G172300</i>	p-hydroxybenzoic acid efflux pump subunit aaeB	<i>AT3G09450</i>
<i>Glyma.19G192800</i>	Starch branching enzyme	<i>AT2G36390</i>
<i>Glyma.19G195000</i>	NA	NA
<i>Glyma.19G197300</i>	Calcium-binding EF-hand family protein	<i>AT5G06260</i>
<i>Glyma.19G225900</i>	Glucan endo-1 family protein	<i>AT2G30933</i>
<i>Glyma.19G261900</i>	NA	NA
<i>Glyma.20G006300</i>	Pentatricopeptide repeat-containing protein	<i>AT5G13230</i>
<i>Glyma.20G010500</i>	NA	NA
<i>Glyma.20G011000</i>	Protein SRG1	<i>AT4G25310</i>
<i>Glyma.20G019900</i>	DCD (Development and Cell Death) domain protein	<i>AT2G35140</i>
<i>Glyma.20G026800</i>	Purple acid phosphatases	<i>AT1G13900</i>
<i>Glyma.20G041900</i>	S-like ribonuclease	<i>AT1G26820</i>
<i>Glyma.20G054000</i>	Lipoxygenase	<i>AT3G45140</i>
<i>Glyma.20G055200</i>	Zinc knuckle family protein	<i>AT3G43590</i>
<i>Glyma.20G075500</i>	Chromosome transmission fidelity protein 18	<i>AT1G04730</i>
<i>Glyma.20G097600</i>	NA	<i>AT1G56423</i>
<i>Glyma.20G099100</i>	Zinc finger protein	<i>AT2G37430</i>
<i>Glyma.20G100700</i>	Retrotransposon protein	<i>AT5G41980</i>
<i>Glyma.20G104900</i>	Lysine-specific demethylase 3B	<i>AT4G00990</i>
<i>Glyma.20G117500</i>	NA	<i>AT1G68350</i>
<i>Glyma.20G125900</i>	Pentatricopeptide repeat-containing protein	<i>AT1G71060</i>
<i>Glyma.20G138100</i>	Receptor-like protein kinase homolog RK20-1	<i>AT4G21410</i>
<i>Glyma.20G138200</i>	Receptor-like protein kinase homolog RK20-1	<i>AT4G23180</i>
<i>Glyma.20G155300</i>	TraB domain-containing protein	<i>AT5G52030</i>
<i>Glyma.20G163300</i>	Pentatricopeptide repeat-containing protein	<i>AT5G52850</i>
<i>Glyma.20G176600</i>	Parallel spindle	<i>AT1G34355</i>
<i>Glyma.20G199700</i>	RNA-binding protein 12B	<i>AT1G04540</i>
<i>Glyma.20G230200</i>	VAMP/SYNAPTOBREVIN-ASSOCIATED protein 27-2	<i>AT1G08820</i>
<i>Glyma.20G246900</i>	Emsy Terminus and plant Tudor-like domain-containing protein	<i>AT5G13020</i>

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