

## Supporting Information

**Investigation of Yellow horn (*Xanthoceras sorbifolia* Bunge) transcriptome in response to different abiotic stresses: a comparative RNA-seq study**

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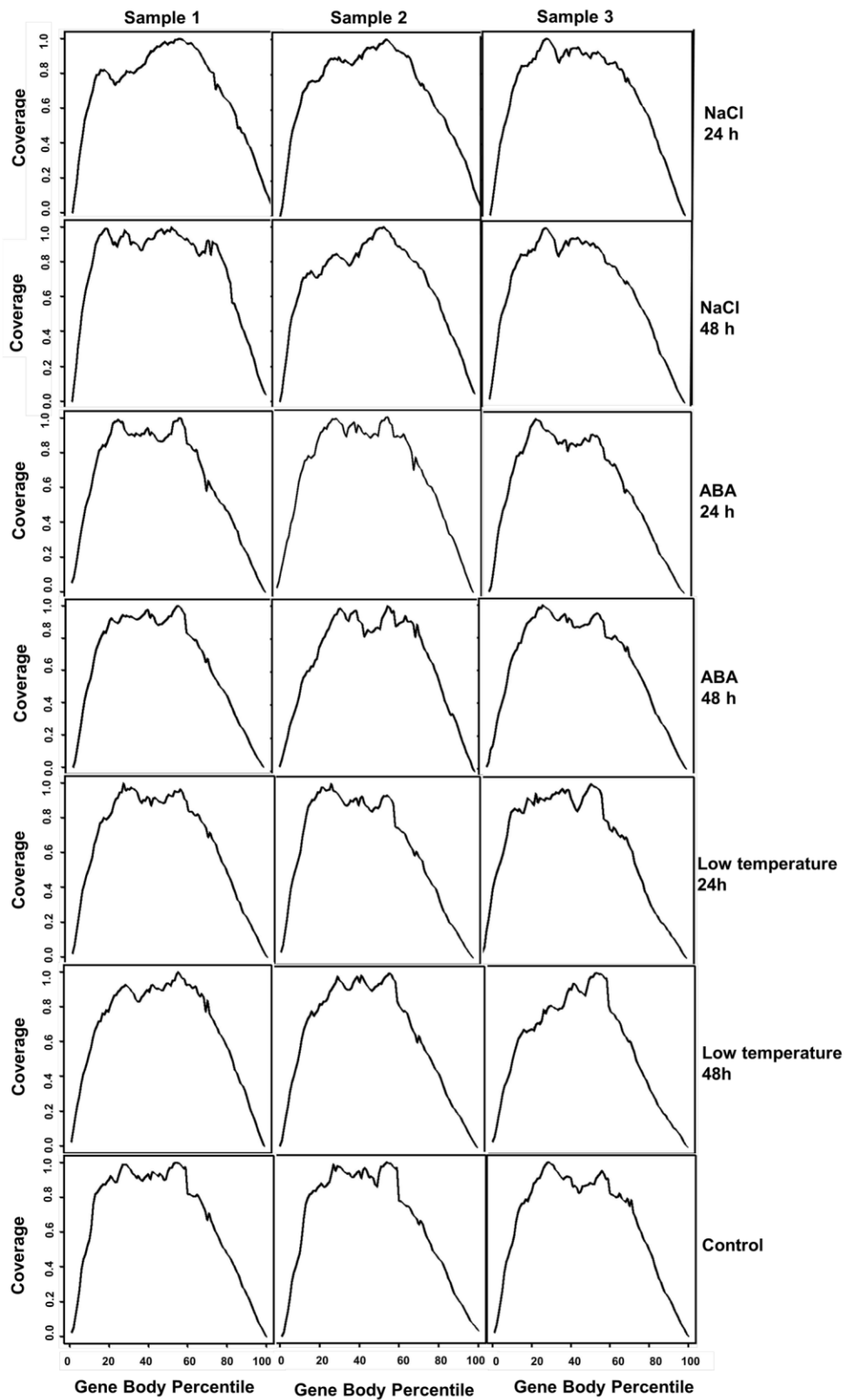


Figure S1 The coverage curve of the transcriptomic data of different samples



**Supplementary Table S1.** Overview of RNA-Seq data output and mapping results

Sample	Time point	Replicate	Number of reads			
			Total - raw reads	Total - after quality trimming <sup>1</sup>	Uniquely mapped on genome <sup>2</sup>	Mapping rate on genome [%]
control		1	50,653,088	50,161,196	44,479,859	88.7
		2	40,745,500	40,203,618	35,804,534	89.1
		3	46,000,360	45,445,168	39,128,136	86.1
Salt	24 h	1	42,058,228	41,646,438	36,138,648	86.8
		2	45,285,122	44,761,840	40,127,373	89.6
		3	55,933,188	55,403,494	49,978,008	90.2
Salt	48h	1	43,105,030	42,754,964	34,321,254	80.3
		2	53,819,966	53,257,942	45,410,985	85.3
		3	39,895,654	39,616,180	35,751,098	90.2
ABA	24 h	1	43,273,006	42,778,160	35,295,058	82.5
		2	40,713,724	40,343,384	35,830,074	88.8
		3	46,117,468	45,553,816	35,897,963	78.8
ABA	48 h	1	43,613,520	43,252,580	37,513,665	86.7
		2	37,529,608	37,529,608	31,625,190	84.3
		3	44,601,064	43,562,364	37,096,023	85.2
Low temperature	24 h	1	39,228,300	38,822,140	33,886,112	87.3
		2	43,648,666	43,046,002	38,415,396	89.2
		3	47,437,694	46,696,640	37,763,067	80.9
Low temperature	48 h	1	42,816,164	42,431,798	35,943,154	84.7
		2	50,699,394	50,135,954	44,117,592	88.0
		3	43,541,178	43,056,322	38,186,343	88.7

<sup>1</sup> Trimming by quality scores and ambiguous nucleotides of sequence ends

<sup>2</sup> Mapped to the IBSC v2 reference genome (Mascher et al., 2017)

<sup>3</sup> Removal of stacked reads i.e. redundant reads sharing same start and end coordinates, direction

<sup>4</sup> Mapped to the annotated gene model v2.36

**Table S2. Comprehensive list of the differential expression analysis. For differentially expressed genes.**

Gene ID	Position	functional annotation	Salt 24h		ABA 24h	
			log <sub>2</sub> FC	q-value	log <sub>2</sub> FC	q-value
EVM0011959	LG1	(+)-neomenthol dehydrogenase	not DE	not DE	not DE	not DE
EVM0003329	LG1	(+)-neomenthol dehydrogenase	not DE	not DE	not DE	not DE
EVM0016861	LG1	(+)-neomenthol dehydrogenase	not DE	not DE	not DE	not DE
EVM0017816	LG1	(RS)-norcoclaurine 6-O-methyl	not DE	not DE	not DE	not DE
EVM0004629	LG1	(RS)-norcoclaurine 6-O-methyl	not DE	not DE	not DE	not DE
EVM0021856	LG1	(RS)-norcoclaurine 6-O-methyl	-4.07311	0.002664	not DE	not DE
EVM0022505	LG1	(RS)-norcoclaurine 6-O-methyl	not DE	not DE	not DE	not DE
EVM0011745	LG1	10-deacetylbaocatin III 10-O	not DE	not DE	not DE	not DE
EVM0019351	LG1	11-beta-hydroxysteroid dehydro	not DE	not DE	not DE	not DE
EVM0017861	LG1	18 kDa seed maturation protein	not DE	not DE	not DE	not DE
EVM0003656	LG1	20 kDa chaperonin, chloroplast	-1.37645	0.000104	not DE	not DE
EVM0012776	LG1	21 kDa protein	1.116126	0.002738	1.361452	0.00014
EVM0018909	LG1	40S ribosomal protein S15-like	not DE	not DE	not DE	not DE
EVM0010951	LG1	40S ribosomal protein S20-1	not DE	not DE	not DE	not DE
EVM0012986	LG1	40S ribosomal protein S20-2	not DE	not DE	not DE	not DE
EVM0010393	LG1	50S ribosomal protein L1, chlor	1.073295	0.004857	not DE	not DE
EVM0002479	LG1	50S ribosomal protein L12-1,	not DE	not DE	not DE	not DE
EVM0016422	LG1	50S ribosomal protein L27, chlor	not DE	not DE	1.694915	0.02433
EVM0023010	LG1	50S ribosomal protein L27, chlor	not DE	not DE	1.098443	0.00247
EVM0002123	LG1	60S ribosomal protein L11-1	not DE	not DE	not DE	not DE
EVM0001870	LG1	60S ribosomal protein L19-1	not DE	not DE	not DE	not DE
EVM0009554	LG1	60S ribosomal protein L27a-3	not DE	not DE	not DE	not DE
EVM0000358	LG1	60S ribosomal protein L32-1	not DE	not DE	1.062432	0.00503
EVM0001853	LG1	60S ribosomal protein L6-1-like	not DE	not DE	not DE	not DE
EVM0004610	LG1	60S ribosomal protein L7a	not DE	not DE	not DE	not DE
EVM0001367	LG1	65-kDa microtubule-associated	not DE	not DE	2.173092	0.01727
EVM0017433	LG1	ABC transporter B family membe	not DE	not DE	not DE	not DE
EVM0007941	LG1	ABC transporter I family membe	not DE	not DE	not DE	not DE
EVM0008406	LG1	ADP-ribosylation factor 2-like	not DE	not DE	not DE	not DE
EVM0016097	LG1	ADP-ribosylation factor GTPase	not DE	not DE	not DE	not DE
EVM0022857	LG1	ADP-ribosylation factor-like	not DE	not DE	not DE	not DE
EVM0021132	LG1	AT-rich interactive domain-cont	not DE	not DE	not DE	not DE
EVM0015526	LG1	ATP-dependent Clp protease p	not DE	not DE	not DE	not DE
EVM0016132	LG1	ATP-dependent DNA helicase s	not DE	not DE	not DE	not DE
EVM0002657	LG1	ATP-dependent helicase rhp16	not DE	not DE	not DE	not DE
EVM0017804	LG1	ATP-dependent zinc metallopro	not DE	not DE	not DE	not DE
EVM0019460	LG1	B-cell receptor-associated p	not DE	not DE	not DE	not DE
EVM0022199	LG1	BAG family molecular chaperon	not DE	not DE	not DE	not DE
EVM0019239	LG1	BTB/POZ domain-containing pr	not DE	not DE	not DE	not DE
EVM0000412	LG1	BTB/POZ domain-containing pr	not DE	not DE	not DE	not DE
EVM0012479	LG1	BTB/POZ domain-containing pr	not DE	not DE	not DE	not DE
EVM0015377	LG1	C2 domain-containing protein	not DE	not DE	not DE	not DE
EVM0004289	LG1	CASP-like protein At5g40300	not DE	not DE	not DE	not DE
EVM0009425	LG1	CASP-like protein At5g40300	not DE	not DE	not DE	not DE
EVM0012080	LG1	CBS domain-containing protein	not DE	not DE	not DE	not DE
EVM0016558	LG1	CLAVATA3/ESR (CLE)-related p	not DE	not DE	not DE	not DE
EVM0016565	LG1	CRAL-TRIO domain-containing	not DE	not DE	1.876943	0.03148
EVM0006414	LG1	CTP synthase	not DE	not DE	not DE	not DE
EVM0021221	LG1	DELLA protein RGL1-like	not DE	not DE	not DE	not DE

EVM0021882	LG1	DNA (cytosine-5)-methyltrans	not DE	not DE	not DE	not DE
EVM0006407	LG1	DNA (cytosine-5)-methyltrans	not DE	not DE	not DE	not DE
EVM0020094	LG1	DNA cross-link repair protei	not DE	not DE	not DE	not DE
EVM0008299	LG1	DNA mismatch repair protein	not DE	not DE	not DE	not DE
EVM0012163	LG1	DNA repair protein RAD51 hom	not DE	not DE	not DE	not DE
EVM0014931	LG1	DNA repair protein RAD51 hom	3.179314	0.001245	not DE	not DE
EVM0006563	LG1	DNA repair protein UVH3 isof	not DE	not DE	not DE	not DE
EVM0001686	LG1	DNA repair protein UVH3-like	not DE	not DE	not DE	not DE
EVM0009074	LG1	DNA replication ATP-dependen	not DE	not DE	not DE	not DE
EVM0001710	LG1	DNA-directed RNA polymerase	not DE	not DE	not DE	not DE
EVM0020257	LG1	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0022436	LG1	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0003854	LG1	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0013852	LG1	ELMO domain-containing prote	not DE	not DE	not DE	not DE
EVM0004182	LG1	ELMO domain-containing prote	not DE	not DE	not DE	not DE
EVM0018007	LG1	F-box protein At2g27310-like	-1.09016	0.007954	not DE	not DE
EVM0020522	LG1	F-box protein At5g51370-like	not DE	not DE	not DE	not DE
EVM0000445	LG1	F-box/LRR-repeat protein 3-l	not DE	not DE	not DE	not DE
EVM0015782	LG1	F-box/kelch-repeat protein A	not DE	not DE	not DE	not DE
EVM0017136	LG1	F-box/kelch-repeat protein A	not DE	not DE	not DE	not DE
EVM0017501	LG1	F-box/kelch-repeat protein C	not DE	not DE	not DE	not DE
EVM0017701	LG1	F-box/kelch-repeat protein S	not DE	not DE	not DE	not DE
EVM0022043	LG1	F-box/kelch-repeat protein S	not DE	not DE	not DE	not DE
EVM0007316	LG1	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0009484	LG1	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0017071	LG1	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0014002	LG1	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0024030	LG1	GABA transporter 1-like isof	not DE	not DE	not DE	not DE
EVM0013410	LG1	GDSL esterase/lipase At2g429	not DE	not DE	not DE	not DE
EVM0018020	LG1	GDSL esterase/lipase At5g144	not DE	not DE	not DE	not DE
EVM0010080	LG1	HUA2-like protein 3-like iso	not DE	not DE	-1.08754	#####
EVM0013364	LG1	K(+) efflux antiporter 2, ch	not DE	not DE	not DE	not DE
EVM0022014	LG1	L-gulonolactone oxidase-like	not DE	not DE	not DE	not DE
EVM0008099	LG1	LIM domain and RING finger p	not DE	not DE	not DE	not DE
EVM0021894	LG1	LOW QUALITY PROTEIN: BAG fam	not DE	not DE	not DE	not DE
EVM0002293	LG1	LOW QUALITY PROTEIN: probabl	not DE	not DE	not DE	not DE
EVM0007288	LG1	LOW QUALITY PROTEIN: probabl	not DE	not DE	not DE	not DE
EVM0013293	LG1	LRR receptor-like serine/thr	not DE	not DE	not DE	not DE
EVM0003263	LG1	LRR receptor-like serine/thr	not DE	not DE	not DE	not DE
EVM0007524	LG1	LRR receptor-like serine/thr	not DE	not DE	not DE	not DE
EVM0019666	LG1	LRR receptor-like serine/thr	not DE	not DE	-1.02065	0.00348
EVM0009664	LG1	NAC domain-containing protei	not DE	not DE	not DE	not DE
EVM0001741	LG1	NACHT, LRR and PYD domains-c	not DE	not DE	not DE	not DE
EVM0005816	LG1	NAD-dependent malic enzyme 5	not DE	not DE	not DE	not DE
EVM0010681	LG1	NAD-dependent protein deacet	not DE	not DE	not DE	not DE
EVM0005503	LG1	O-acyltransferase WSD1-like	not DE	not DE	not DE	not DE
EVM0009058	LG1	O-acyltransferase WSD1-like	not DE	not DE	not DE	not DE
EVM0016921	LG1	O-acyltransferase WSD1-like	-1.88234	0.042287	not DE	not DE
EVM0021265	LG1	O-acyltransferase WSD1-like	not DE	not DE	not DE	not DE
EVM0001693	LG1	O-glucosyltransferase rumi h	not DE	not DE	not DE	not DE
EVM0022984	LG1	RING finger protein 10-like	not DE	not DE	not DE	not DE
EVM0006955	LG1	RING-H2 finger protein ATL16	not DE	not DE	not DE	not DE
EVM0021597	LG1	RING-H2 finger protein ATL64	4.506277	0.00083	not DE	not DE
EVM0011432	LG1	RING-H2 finger protein ATL67	not DE	not DE	1.126717	0.00956

EVM0013651	LG1	RNA exonuclease 4-like	not DE	not DE	not DE	not DE
EVM0022599	LG1	RNA polymerase II subunit 5'	1.405112	0.000619	not DE	not DE
EVM0003149	LG1	RPM1-interacting protein 4-l	not DE	not DE	not DE	not DE
EVM0021326	LG1	S-adenosylmethionine synthas	not DE	not DE	not DE	not DE
EVM0013926	LG1	S-type anion channel SLAH1-l	not DE	not DE	not DE	not DE
EVM0004834	LG1	SNF1-related protein kinase	-3.65279	0.022726	not DE	not DE
EVM0003876	LG1	SPX domain-containing membra	not DE	not DE	not DE	not DE
EVM0019377	LG1	SPX domain-containing protei	not DE	not DE	not DE	not DE
EVM0006081	LG1	SUMO-activating enzyme subun	not DE	not DE	not DE	not DE
EVM0019549	LG1	SUMO-activating enzyme subun	not DE	not DE	not DE	not DE
EVM0021982	LG1	T-complex protein 1 subunit	not DE	not DE	not DE	not DE
EVM0007724	LG1	TITAN-like protein-like	not DE	not DE	not DE	not DE
EVM0014998	LG1	TOM1-like protein 1-like iso	not DE	not DE	not DE	not DE
EVM0007841	LG1	U5 small nuclear ribonucleop	1.387477	0.018357	not DE	not DE
EVM0019884	LG1	U6 snRNA-associated Sm-like	not DE	not DE	not DE	not DE
EVM0011398	LG1	UDP-glucuronic acid decarbox	not DE	not DE	not DE	not DE
EVM0010626	LG1	UDP-glycosyltransferase 73B4	not DE	not DE	not DE	not DE
EVM0014356	LG1	UPF0392 protein RCOM_0530710	not DE	not DE	not DE	not DE
EVM0024200	LG1	UPF0481 protein At3g47200-li	not DE	not DE	not DE	not DE
EVM0021659	LG1	UPF0565 protein C2orf69 homo	not DE	not DE	not DE	not DE
EVM0013285	LG1	UV-stimulated scaffold prote	not DE	not DE	not DE	not DE
EVM0001145	LG1	WAT1-related protein At3g280	not DE	not DE	not DE	not DE
EVM0020532	LG1	WAT1-related protein At4g083	not DE	not DE	not DE	not DE
EVM0000754	LG1	WD repeat and FYVE domain-co	not DE	not DE	-1.02561	0.00852
EVM0008490	LG1	WD repeat-containing protei	not DE	not DE	not DE	not DE
EVM0013418	LG1	WD repeat-containing protei	not DE	not DE	not DE	not DE
EVM0019445	LG1	acetyl-CoA acetyltransferase	not DE	not DE	not DE	not DE
EVM0021845	LG1	acetylornithine deacetylase	not DE	not DE	not DE	not DE
EVM0021333	LG1	actin-depolymerizing factor	not DE	not DE	not DE	not DE
EVM0016582	LG1	actin-related protein 2	not DE	not DE	not DE	not DE
EVM0019258	LG1	actin-related protein 2/3 co	not DE	not DE	not DE	not DE
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EVM0015430	LG1	acyltransferase-like protei	not DE	not DE	not DE	not DE
EVM0006157	LG1	adenylate isopentenyltransfe	-2.5795	0.044007	not DE	not DE
EVM0018581	LG1	alkylated DNA repair protei	not DE	not DE	not DE	not DE
EVM0004080	LG1	alpha-1,6-mannosyl-glycoprot	not DE	not DE	not DE	not DE
EVM0011199	LG1	alpha-mannosidase 2x-like	not DE	not DE	not DE	not DE
EVM0023662	LG1	aluminum-activated malate tr	not DE	not DE	not DE	not DE
EVM0020333	LG1	ankyrin repeat-containing pr	-2.40896	0.020479	not DE	not DE
EVM0000348	LG1	ankyrin repeat-containing pr	not DE	not DE	not DE	not DE
EVM0016652	LG1	ankyrin repeat-containing pr	-3.43374	0.038242	not DE	not DE
EVM0019095	LG1	ankyrin repeat-containing pr	not DE	not DE	not DE	not DE
EVM0021362	LG1	ankyrin repeat-containing pr	not DE	not DE	not DE	not DE
EVM0022709	LG1	ankyrin repeat-containing pr	not DE	not DE	not DE	not DE
EVM0023396	LG1	anthocyanidin reductase-like	not DE	not DE	not DE	not DE
EVM0023974	LG1	anthocyanidin reductase-like	not DE	not DE	1.195983	0.00807
EVM0015974	LG1	anthranilate N-methyltransfe	not DE	not DE	not DE	not DE
EVM0016505	LG1	anthranilate N-methyltransfe	not DE	not DE	2.204148	0.00069
EVM0021118	LG1	anthranilate N-methyltransfe	not DE	not DE	1.939635	0.01052
EVM0013653	LG1	aquaporin PIP1-3 isoform X1	not DE	not DE	not DE	not DE
EVM0009240	LG1	aspartokinase 2, chloroplast	not DE	not DE	not DE	not DE
EVM0000208	LG1	auxin-induced protein 15A	not DE	not DE	1.053587	0.03844
EVM0022630	LG1	auxin-responsive protein IAA	-2.08307	0.006073	-1.47875	0.01134
EVM0005326	LG1	beta-amylase 7-like isoform	-1.06767	0.000991	not DE	not DE

EVM0023279	LG1	beta-carotene isomerase D27,	not DE	not DE	not DE	not DE
EVM0002995	LG1	beta-glucosidase 11-like	not DE	not DE	not DE	not DE
EVM0002814	LG1	bidirectional sugar transport	not DE	not DE	not DE	not DE
EVM0008373	LG1	bidirectional sugar transport	not DE	not DE	not DE	not DE
EVM0016270	LG1	bidirectional sugar transport	not DE	not DE	not DE	not DE
EVM0016789	LG1	bidirectional sugar transport	not DE	not DE	not DE	not DE
EVM0005921	LG1	bifunctional 3-dehydroquinat	not DE	not DE	1.616122	0.0042
EVM0022835	LG1	bifunctional protein Fold 2-	not DE	not DE	not DE	not DE
EVM0013004	LG1	biogenesis of lysosome-relat	not DE	not DE	not DE	not DE
EVM0017559	LG1	biogenesis of lysosome-relat	not DE	not DE	not DE	not DE
EVM0019209	LG1	biorientation of chromosomes	not DE	not DE	not DE	not DE
EVM0024055	LG1	biorientation of chromosomes	not DE	not DE	not DE	not DE
EVM0015133	LG1	blue copper protein-like	not DE	not DE	not DE	not DE
EVM0019409	LG1	blue-light photoreceptor PHR	not DE	not DE	not DE	not DE
EVM0019651	LG1	caffeoylshikimate esterase-l	not DE	not DE	not DE	not DE
EVM0020069	LG1	callose synthase 7-like isof	not DE	not DE	not DE	not DE
EVM0019010	LG1	calmodulin-like protein 3	not DE	not DE	2.166105	0.01888
EVM0014431	LG1	calvin cycle protein CP12-1,	not DE	not DE	not DE	not DE
EVM0012270	LG1	cell division cycle 20.1, co	not DE	not DE	not DE	not DE
EVM0013741	LG1	cellulose synthase-like prot	not DE	not DE	not DE	not DE
EVM0008354	LG1	cellulose synthase-like prot	not DE	not DE	not DE	not DE
EVM0009516	LG1	chaperone protein ClpC, chl	not DE	not DE	not DE	not DE
EVM0017798	LG1	chaperone protein ClpD, chl	not DE	not DE	not DE	not DE
EVM0019303	LG1	chitin elicitor receptor kin	not DE	not DE	not DE	not DE
EVM0015297	LG1	chlorophyll a-b binding prot	not DE	not DE	not DE	not DE
EVM0017589	LG1	chlorophyll a-b binding prot	-2.76536	0.000145	not DE	not DE
EVM0007193	LG1	chromatin modification-relat	not DE	not DE	not DE	not DE
EVM0018462	LG1	chromodomain-helicase-DNA-bi	not DE	not DE	not DE	not DE
EVM0003955	LG1	classical arabinogalactan pr	not DE	not DE	not DE	not DE
EVM0017526	LG1	classical arabinogalactan pr	not DE	not DE	not DE	not DE
EVM0004665	LG1	clathrin light chain 1-like	not DE	not DE	not DE	not DE
EVM0017156	LG1	condensin complex subunit 2-	not DE	not DE	not DE	not DE
EVM0007070	LG1	cucumisin-like isoform X1	not DE	not DE	not DE	not DE
EVM0012757	LG1	cyclin-U4-1-like	not DE	not DE	not DE	not DE
EVM0018792	LG1	cysteine-rich receptor-like	not DE	not DE	not DE	not DE
EVM0000047	LG1	cysteine-rich repeat secret	not DE	not DE	not DE	not DE
EVM0000843	LG1	cysteine-rich repeat secret	not DE	not DE	not DE	not DE
EVM0001573	LG1	cysteine-rich repeat secret	not DE	not DE	not DE	not DE
EVM0011876	LG1	cysteine-rich repeat secret	not DE	not DE	not DE	not DE
EVM0013781	LG1	cysteine-rich repeat secret	not DE	not DE	not DE	not DE
EVM0021819	LG1	cysteine-rich repeat secret	not DE	not DE	not DE	not DE
EVM0012634	LG1	cysteine-rich repeat secret	not DE	not DE	not DE	not DE
EVM0023371	LG1	cytochrome P450 704C1-like i	not DE	not DE	not DE	not DE
EVM0008677	LG1	cytochrome P450 714C2-like	not DE	not DE	not DE	not DE
EVM0021447	LG1	cytochrome P450 714C2-like	not DE	not DE	not DE	not DE
EVM0015306	LG1	cytochrome P450 724B1-like	not DE	not DE	not DE	not DE
EVM0021769	LG1	cytochrome P450 82C4-like	not DE	not DE	not DE	not DE
EVM0008306	LG1	cytochrome P450 86B1-like	not DE	not DE	not DE	not DE
EVM0009901	LG1	cytochrome P450 86B1-like	not DE	not DE	not DE	not DE
EVM0011810	LG1	cytochrome P450 86B1-like	not DE	not DE	not DE	not DE
EVM0013007	LG1	cytochrome P450 86B1-like	not DE	not DE	not DE	not DE
EVM0021403	LG1	cytochrome P450 86B1-like	not DE	not DE	not DE	not DE
EVM0002165	LG1	cytochrome P450 93A1-like	not DE	not DE	not DE	not DE
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EVM0014878	LG1	cytochrome b561 and DOMON do	not DE	not DE	not DE	not DE
EVM0014397	LG1	cytochrome b6-f complex iron	-1.22189	0.000244	not DE	not DE
EVM0013252	LG1	dCTP pyrophosphatase 1-like	not DE	not DE	not DE	not DE
EVM0000656	LG1	dentin sialophosphoprotein-1	not DE	not DE	not DE	not DE
EVM0014047	LG1	deoxycytidylate deaminase	not DE	not DE	1.214539	0.00506
EVM0001345	LG1	deoxynucleoside triphosphate	not DE	not DE	not DE	not DE
EVM0021642	LG1	deoxynucleoside triphosphate	not DE	not DE	not DE	not DE
EVM0009520	LG1	dephospho-CoA kinase domain	not DE	not DE	not DE	not DE
EVM0012274	LG1	desiccation-related protein	7.649608	8.19E-08	not DE	not DE
EVM0012759	LG1	desumoylating isopeptidase 1	-2.19115	1.05E-09	not DE	not DE
EVM0006489	LG1	differentially expressed in	not DE	not DE	not DE	not DE
EVM0017140	LG1	disease resistance protein A	not DE	not DE	not DE	not DE
EVM0009213	LG1	disease resistance protein R	2.935871	0.001483	not DE	not DE
EVM0014117	LG1	dolichol-phosphate mannosylt	not DE	not DE	not DE	not DE
EVM0023558	LG1	dolichol-phosphate mannosylt	not DE	not DE	not DE	not DE
EVM0021952	LG1	dynamamin-related protein 1B-l	not DE	not DE	not DE	not DE
EVM0015431	LG1	dynamamin-related protein 1E-l	not DE	not DE	not DE	not DE
EVM0013248	LG1	early nodulin-20-like	not DE	not DE	not DE	not DE
EVM0020426	LG1	early nodulin-like protein 1	not DE	not DE	not DE	not DE
EVM0018140	LG1	embryonic stem cell-specific	not DE	not DE	not DE	not DE
EVM0024149	LG1	endoglucanase 14-like	not DE	not DE	not DE	not DE
EVM0015932	LG1	endoglucanase 25-like	not DE	not DE	not DE	not DE
EVM0023138	LG1	endoribonuclease Dicer homol	1.609953	4.48E-08	not DE	not DE
EVM0006624	LG1	ent-kaurenoic acid oxidase 2	not DE	not DE	not DE	not DE
EVM0006858	LG1	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0024549	LG1	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0002503	LG1	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0000408	LG1	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0020258	LG1	eukaryotic translation initi	not DE	not DE	not DE	not DE
EVM0013753	LG1	exocyst complex component SE	not DE	not DE	not DE	not DE
EVM0007060	LG1	exopolygalacturonase	not DE	not DE	not DE	not DE
EVM0005821	LG1	exosome complex component RR	not DE	not DE	not DE	not DE
EVM0008259	LG1	eyes absent homolog 2-like i	not DE	not DE	not DE	not DE
EVM0012919	LG1	fasciclin-like arabinogalact	not DE	not DE	not DE	not DE
EVM0024054	LG1	fatty-acid-binding protein 1	not DE	not DE	not DE	not DE
EVM0017743	LG1	feruloyl CoA ortho-hydroxyla	not DE	not DE	not DE	not DE
EVM0010837	LG1	fidgetin-like protein 1-like	not DE	not DE	not DE	not DE
EVM0009572	LG1	fimbrin-like protein 2-like	-1.95965	0.019363	not DE	not DE
EVM0010479	LG1	flavonol synthase/flavanone	not DE	not DE	not DE	not DE
EVM0024135	LG1	formin-like protein 3	not DE	not DE	not DE	not DE
EVM0009479	LG1	galacturonosyltransferase 8-	not DE	not DE	not DE	not DE
EVM0016376	LG1	gamma carbonic anhydrase-lik	not DE	not DE	not DE	not DE
EVM0011047	LG1	germin-like protein subfamil	not DE	not DE	not DE	not DE
EVM0016424	LG1	glucan endo-1,3-beta-glucosi	not DE	not DE	not DE	not DE
EVM0012224	LG1	glucan endo-1,3-beta-glucosi	not DE	not DE	not DE	not DE
EVM0006176	LG1	glucose-6-phosphate 1-dehydr	not DE	not DE	not DE	not DE
EVM0020408	LG1	glucose-6-phosphate 1-dehydr	not DE	not DE	not DE	not DE
EVM0009606	LG1	glucuronoxylan 4-O-methyltra	not DE	not DE	not DE	not DE
EVM0010912	LG1	glucuronoxylan 4-O-methyltra	not DE	not DE	not DE	not DE
EVM0019723	LG1	glutamate dehydrogenase 2	3.033738	0.005288	not DE	not DE
EVM0007699	LG1	glutamyl-tRNA(Gln) amidotran	-3.29474	0.030402	-4.14957	0.00337
EVM0019172	LG1	glutaredoxin	not DE	not DE	1.235671	#####
EVM0004557	LG1	glutaredoxin-C1-like	not DE	not DE	not DE	not DE

EVM0013092	LG1	glycerol-3-phosphate acyltran	not DE	not DE	not DE	not DE
EVM0016618	LG1	glycerol-3-phosphate dehydro	not DE	not DE	not DE	not DE
EVM0017183	LG1	glycine cleavage system H pr	-1.11877	0.042932	1.020068	0.00033
EVM0003965	LG1	glycine--tRNA ligase 2, chlo	not DE	not DE	not DE	not DE
EVM0019323	LG1	glycine--tRNA ligase 2, chlo	not DE	not DE	not DE	not DE
EVM0006494	LG1	glycine-rich RNA-binding pro	1.590047	0.024701	2.091048	0.00092
EVM0010324	LG1	granule-bound starch synthas	-1.57695	1.73E-07	not DE	not DE
EVM0022342	LG1	growth-regulating factor 9 in	not DE	not DE	not DE	not DE
EVM0018288	LG1	heat shock factor protein HS	not DE	not DE	not DE	not DE
EVM0000212	LG1	high mobility group B protei	not DE	not DE	not DE	not DE
EVM0023627	LG1	histidine-containing phospho	not DE	not DE	not DE	not DE
EVM0022388	LG1	histone H2AX-like	not DE	not DE	not DE	not DE
EVM0022202	LG1	histone H3-like centromeric	not DE	not DE	not DE	not DE
EVM0017318	LG1	histone deacetylase complex	not DE	not DE	not DE	not DE
EVM0024446	LG1	histone-lysine N-methyltrans	not DE	not DE	not DE	not DE
EVM0010720	LG1	histone-lysine N-methyltrans	not DE	not DE	not DE	not DE
EVM0020933	LG1	histone-lysine N-methyltrans	not DE	not DE	not DE	not DE
EVM0021656	LG1	homeobox protein LUMINIDEPEN	not DE	not DE	not DE	not DE
EVM0023907	LG1	hydroquinone glucosyltransfe	not DE	not DE	not DE	not DE
EVM0013397	LG1	hyoscyamine 6-dioxygenase-li	not DE	not DE	not DE	not DE
EVM0011581	LG1	importin subunit alpha-like	not DE	not DE	not DE	not DE
EVM0021987	LG1	inactive TPR repeat-containi	not DE	not DE	not DE	not DE
EVM0002912	LG1	inactive poly	not DE	not DE	not DE	not DE
EVM0019787	LG1	isoamylase 2, chloroplastic-	not DE	not DE	not DE	not DE
EVM0002084	LG1	isocitrate dehydrogenase	not DE	not DE	not DE	not DE
EVM0005539	LG1	ketol-acid reductoisomerase,	not DE	not DE	not DE	not DE
EVM0011275	LG1	ketol-acid reductoisomerase,	not DE	not DE	not DE	not DE
EVM0011369	LG1	ketol-acid reductoisomerase,	not DE	not DE	not DE	not DE
EVM0012450	LG1	late embryogenesis abundant	not DE	not DE	not DE	not DE
EVM0013763	LG1	light-regulated protein	not DE	not DE	4.562301	#####
EVM0017700	LG1	light-regulated protein	not DE	not DE	not DE	not DE
EVM0001085	LG1	lish domain-containing prote	not DE	not DE	not DE	not DE
EVM0014006	LG1	lysine histidine transporter	not DE	not DE	not DE	not DE
EVM0018825	LG1	lysine histidine transporter	not DE	not DE	not DE	not DE
EVM0021637	LG1	lysine-specific demethylase	not DE	not DE	not DE	not DE
EVM0008660	LG1	lysosomal alpha-mannosidase-	not DE	not DE	not DE	not DE
EVM0015684	LG1	lysosomal alpha-mannosidase-	not DE	not DE	not DE	not DE
EVM0022549	LG1	lysosomal alpha-mannosidase-	1.026417	0.029207	-1.02922	0.00052
EVM0008220	LG1	magnesium transporter MRS2-I	not DE	not DE	not DE	not DE
EVM0016686	LG1	mannan endo-1,4-beta-mannosi	not DE	not DE	not DE	not DE
EVM0022086	LG1	mavicyanin-like	not DE	not DE	not DE	not DE
EVM0010633	LG1	mediator of RNA polymerase I	not DE	not DE	not DE	not DE
EVM0007105	LG1	mediator of RNA polymerase I	not DE	not DE	not DE	not DE
EVM0000277	LG1	mediator of RNA polymerase I	not DE	not DE	not DE	not DE
EVM0015554	LG1	membrane-anchored ubiquitin-	not DE	not DE	not DE	not DE
EVM0023136	LG1	membrane-anchored ubiquitin-	not DE	not DE	not DE	not DE
EVM0021990	LG1	metacaspase-1-like	not DE	not DE	not DE	not DE
EVM0015677	LG1	metal tolerance protein 1-li	not DE	not DE	not DE	not DE
EVM0010590	LG1	methyl-CpG-binding domain-co	not DE	not DE	-1.01688	0.00127
EVM0009715	LG1	methylcrotonoyl-CoA carboxyl	not DE	not DE	-1.20795	#####
EVM0022568	LG1	mitochondrial carrier protei	1.172031	0.015917	not DE	not DE
EVM0012615	LG1	mitochondrial import inner m	not DE	not DE	not DE	not DE
EVM0012978	LG1	mitochondrial ribosome-assoc	not DE	not DE	not DE	not DE
EVM0009665	LG1	monothiol glutaredoxin-S1-li	not DE	not DE	not DE	not DE

EVM0010288	LG1	muscle M-line assembly prote	not DE	not DE	not DE	not DE
EVM0001323	LG1	myb-like protein X-like isof	not DE	not DE	not DE	not DE
EVM0013644	LG1	myb-related protein 315	not DE	not DE	not DE	not DE
EVM0017196	LG1	myb-related protein Myb4-like	not DE	not DE	not DE	not DE
EVM0019397	LG1	myosin-11-like	not DE	not DE	not DE	not DE
EVM0005700	LG1	nephrocystin-3-like	not DE	not DE	not DE	not DE
EVM0011706	LG1	nitrogen regulatory protein	not DE	not DE	not DE	not DE
EVM0009057	LG1	nodal modulator 2-like isof	not DE	not DE	not DE	not DE
EVM0010261	LG1	nodal modulator 2-like isof	not DE	not DE	not DE	not DE
EVM0023643	LG1	non-specific lipid-transfer	not DE	not DE	not DE	not DE
EVM0011419	LG1	nuclear pore complex protein	not DE	not DE	not DE	not DE
EVM0000075	LG1	nuclear pore membrane glycop	not DE	not DE	not DE	not DE
EVM0019823	LG1	nuclear pore membrane glycop	not DE	not DE	-1.6081	0.03341
EVM0005325	LG1	nuclear pore membrane glycop	not DE	not DE	not DE	not DE
EVM0006965	LG1	nuclear transcription factor	not DE	not DE	not DE	not DE
EVM0018534	LG1	nuclear transcription factor	not DE	not DE	not DE	not DE
EVM0014897	LG1	nuclear transcription factor	not DE	not DE	not DE	not DE
EVM0021561	LG1	nucleolar GTP-binding protei	not DE	not DE	not DE	not DE
EVM0014413	LG1	ocs element-binding factor l	not DE	not DE	not DE	not DE
EVM0010843	LG1	oleosin 18.2 kDa-like	not DE	not DE	not DE	not DE
EVM0012557	LG1	omega-hydroxypalmitate 0-fer	not DE	not DE	not DE	not DE
EVM0018106	LG1	omega-hydroxypalmitate 0-fer	not DE	not DE	not DE	not DE
EVM0021583	LG1	oxygen-evolving enhancer pro	-1.77565	0.000549	not DE	not DE
EVM0009902	LG1	paladin-like isoform X2	not DE	not DE	not DE	not DE
EVM0023781	LG1	patatin-like protein 2	not DE	not DE	not DE	not DE
EVM0007270	LG1	pectinesterase 2	not DE	not DE	not DE	not DE
EVM0019670	LG1	pectinesterase 2	not DE	not DE	not DE	not DE
EVM0010359	LG1	pectinesterase inhibitor	not DE	not DE	not DE	not DE
EVM0010762	LG1	pectinesterase-like	not DE	not DE	not DE	not DE
EVM0000023	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0013962	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0002870	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0007192	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0016964	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0019822	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0022368	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0006787	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0023179	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0012465	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0003044	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0010015	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0018357	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0009922	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0009980	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0005907	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0022228	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0022120	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0014469	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0011926	LG1	pentatricopeptide repeat-con	1.334991	0.00242	not DE	not DE
EVM0014044	LG1	pentatricopeptide repeat-con	1.56578	0.00024	not DE	not DE
EVM0015253	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0020997	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0008755	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0012833	LG1	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE



EVM0009697	LG1	peptide chain release factor	not DE	not DE	not DE	not DE
EVM0018448	LG1	peptide deformylase 1B, chl	not DE	not DE	not DE	not DE
EVM0018525	LG1	peptide deformylase 1B, chl	not DE	not DE	4.532768	#####
EVM0019490	LG1	peptide transporter PTR3-A-1	-3.21822	0.000421	not DE	not DE
EVM0022742	LG1	peptidyl-prolyl cis-trans is	not DE	not DE	not DE	not DE
EVM0009946	LG1	peptidyl-prolyl cis-trans is	not DE	not DE	not DE	not DE
EVM0019210	LG1	peroxidase 27-like	not DE	not DE	not DE	not DE
EVM0001361	LG1	peroxidase 55-like	not DE	not DE	not DE	not DE
EVM0004369	LG1	peroxidase 55-like	not DE	not DE	not DE	not DE
EVM0012543	LG1	peroxidase 55-like	not DE	not DE	not DE	not DE
EVM0024070	LG1	peroxidase 55-like	not DE	not DE	not DE	not DE
EVM0021494	LG1	peroxidase 60-like	not DE	not DE	not DE	not DE
EVM0003956	LG1	peroxidase P7-like	not DE	not DE	not DE	not DE
EVM0013991	LG1	peroxisomal membrane protein	not DE	not DE	not DE	not DE
EVM0019268	LG1	peroxisomal membrane protein	not DE	not DE	not DE	not DE
EVM0006139	LG1	peroxisome biogenesis protein	not DE	not DE	not DE	not DE
EVM0004699	LG1	pescadillo homolog	not DE	not DE	not DE	not DE
EVM0010845	LG1	peter Pan-like protein-like	not DE	not DE	not DE	not DE
EVM0021428	LG1	peter Pan-like protein-like	not DE	not DE	not DE	not DE
EVM0003797	LG1	phosducin-like protein 3	not DE	not DE	not DE	not DE
EVM0017255	LG1	phosphatidylinositol/phospha	not DE	not DE	not DE	not DE
EVM0024654	LG1	phosphoacetylglucosamine mut	not DE	not DE	not DE	not DE
EVM0000881	LG1	phosphoenolpyruvate carboxyl	not DE	not DE	not DE	not DE
EVM0012684	LG1	phosphoglucan phosphatase LS	not DE	not DE	not DE	not DE
EVM0022560	LG1	phosphoglucan phosphatase LS	not DE	not DE	not DE	not DE
EVM0002618	LG1	phospholipase A(1) DAD1, chl	not DE	not DE	not DE	not DE
EVM0016979	LG1	phospholipase A(1) DAD1, chl	not DE	not DE	not DE	not DE
EVM0018312	LG1	phospholipase A1-IIgamma-lik	not DE	not DE	not DE	not DE
EVM0020588	LG1	phosphomannomutase	not DE	not DE	not DE	not DE
EVM0012705	LG1	phosphoribulokinase, chlorop	not DE	not DE	not DE	not DE
EVM0016757	LG1	plasminogen activator inhibi	not DE	not DE	not DE	not DE
EVM0000035	LG1	plastidal glycolate/glycerat	not DE	not DE	not DE	not DE
EVM0009917	LG1	plastidal glycolate/glycerat	not DE	not DE	not DE	not DE
EVM0016944	LG1	pollen-specific leucine-rich	not DE	not DE	not DE	not DE
EVM0021566	LG1	poly	not DE	not DE	not DE	not DE
EVM0023100	LG1	poly	not DE	not DE	not DE	not DE
EVM0004304	LG1	polygalacturonase At1g48100-	not DE	not DE	not DE	not DE
EVM0019630	LG1	polygalacturonase At1g48100-	not DE	not DE	not DE	not DE
EVM0021575	LG1	polygalacturonase At1g48100-	not DE	not DE	not DE	not DE
EVM0021184	LG1	polygalacturonase inhibitor	not DE	not DE	not DE	not DE
EVM0006594	LG1	polygalacturonase-like	not DE	not DE	not DE	not DE
EVM0010383	LG1	polygalacturonase-like	not DE	not DE	not DE	not DE
EVM0022420	LG1	polygalacturonase-like	not DE	not DE	not DE	not DE
EVM0024127	LG1	potassium transporter 8-like	not DE	not DE	not DE	not DE
EVM0008144	LG1	pre-mRNA-splicing factor 18	not DE	not DE	not DE	not DE
EVM0008526	LG1	probable ATP-dependent DNA h	not DE	not DE	not DE	not DE
EVM0000959	LG1	probable ATP-dependent RNA h	not DE	not DE	not DE	not DE
EVM0021602	LG1	probable F-box protein At3g6	not DE	not DE	not DE	not DE
EVM0001580	LG1	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0005353	LG1	probable WRKY transcription	not DE	not DE	not DE	not DE
EVM0004822	LG1	probable WRKY transcription	not DE	not DE	not DE	not DE
EVM0019044	LG1	probable WRKY transcription	not DE	not DE	not DE	not DE
EVM0011829	LG1	probable beta-1,4-xylosyltra	not DE	not DE	not DE	not DE
EVM0022372	LG1	probable calcium-binding pro	not DE	not DE	not DE	not DE

EVM0020358	LG1	probable carboxylesterase 8	not DE	not DE	not DE	not DE
EVM0012402	LG1	probable dimethyladenosine t	not DE	not DE	not DE	not DE
EVM0000915	LG1	probable fructokinase-7 isof	not DE	not DE	not DE	not DE
EVM0008342	LG1	probable glutamyl endopeptid	not DE	not DE	not DE	not DE
EVM0022620	LG1	probable glutathione S-trans	not DE	not DE	not DE	not DE
EVM0015138	LG1	probable inactive purple aci	not DE	not DE	not DE	not DE
EVM0021930	LG1	probable inactive purple aci	not DE	not DE	not DE	not DE
EVM0000920	LG1	probable indole-3-acetic aci	not DE	not DE	not DE	not DE
EVM0008864	LG1	probable indole-3-acetic aci	not DE	not DE	not DE	not DE
EVM0023208	LG1	probable lipid-A-disaccharid	not DE	not DE	not DE	not DE
EVM0001383	LG1	probable methyltransferase P	not DE	not DE	not DE	not DE
EVM0009540	LG1	probable pectinesterase 53-l	not DE	not DE	not DE	not DE
EVM0015624	LG1	probable pectinesterase/pect	not DE	not DE	not DE	not DE
EVM0007077	LG1	probable pectinesterase/pect	not DE	not DE	not DE	not DE
EVM0014987	LG1	probable pectinesterase/pect	not DE	not DE	not DE	not DE
EVM0021313	LG1	probable plastid-lipid-assoc	not DE	not DE	not DE	not DE
EVM0013157	LG1	probable polyamine oxidase 2	1.728648	2.77E-06	not DE	not DE
EVM0008226	LG1	probable polygalacturonase	not DE	not DE	not DE	not DE
EVM0000538	LG1	probable protein phosphatase	not DE	not DE	not DE	not DE
EVM0021663	LG1	probable protein phosphatase	not DE	not DE	not DE	not DE
EVM0006370	LG1	probable purine permease 11	not DE	not DE	not DE	not DE
EVM0010111	LG1	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0003895	LG1	probable sarcosine oxidase-l	not DE	not DE	not DE	not DE
EVM0020330	LG1	probable serine/threonine-pr	not DE	not DE	not DE	not DE
EVM0011417	LG1	probable sugar phosphate/pho	not DE	not DE	not DE	not DE
EVM0014435	LG1	probable terpene synthase 11	not DE	not DE	not DE	not DE
EVM0005365	LG1	probable terpene synthase 12	not DE	not DE	not DE	not DE
EVM0008827	LG1	probable terpene synthase 9-	not DE	not DE	not DE	not DE
EVM0012907	LG1	probable tyrosine--tRNA liga	not DE	not DE	not DE	not DE
EVM0017576	LG1	probable xyloglucan endotran	4.188391	0.038288	not DE	not DE
EVM0018682	LG1	probable zinc transporter pr	not DE	not DE	not DE	not DE
EVM0001797	LG1	prohibitin-3, mitochondrial-	not DE	not DE	not DE	not DE
EVM0002630	LG1	proliferating cell nuclear a	not DE	not DE	not DE	not DE
EVM0021397	LG1	proliferating cell nuclear a	not DE	not DE	not DE	not DE
EVM0002261	LG1	proline-rich protein 1-like	not DE	not DE	not DE	not DE
EVM0015895	LG1	proline-rich protein 3-like	not DE	not DE	not DE	not DE
EVM0009737	LG1	proline-rich protein HaeIII	not DE	not DE	not DE	not DE
EVM0013340	LG1	proline-rich receptor-like p	not DE	not DE	not DE	not DE
EVM0002170	LG1	protease Do-like 1, chloropl	-2.85547	0.000176	not DE	not DE
EVM0004474	LG1	protease Do-like 1, chloropl	not DE	not DE	2.23478	0.00221
EVM0016633	LG1	protease Do-like 9-like	not DE	not DE	not DE	not DE
EVM0013974	LG1	protein CCC1-like	not DE	not DE	not DE	not DE
EVM0021937	LG1	protein CCC1-like	not DE	not DE	not DE	not DE
EVM0023219	LG1	protein CURVATURE THYLAKOID	not DE	not DE	not DE	not DE
EVM0017929	LG1	protein DEK-like isoform X1	not DE	not DE	not DE	not DE
EVM0002323	LG1	protein ECERIFERUM 1-like	not DE	not DE	not DE	not DE
EVM0010946	LG1	protein ECERIFERUM 1-like	not DE	not DE	not DE	not DE
EVM0012761	LG1	protein ECERIFERUM 1-like	not DE	not DE	not DE	not DE
EVM0015015	LG1	protein ECERIFERUM 1-like	not DE	not DE	not DE	not DE
EVM0020881	LG1	protein ECERIFERUM 1-like	not DE	not DE	not DE	not DE
EVM0013152	LG1	protein ECERIFERUM 1-like is	not DE	not DE	not DE	not DE
EVM0004808	LG1	protein FAR1-RELATED SEQUENC	not DE	not DE	not DE	not DE
EVM0013873	LG1	protein FAR1-RELATED SEQUENC	not DE	not DE	not DE	not DE
EVM0023532	LG1	protein FAR1-RELATED SEQUENC	not DE	not DE	not DE	not DE

EVM0020100	LG1	protein GAMETE EXPRESSED 1	not DE	not DE	not DE	not DE
EVM0007688	LG1	protein LOW PSII ACCUMULATIO	not DE	not DE	not DE	not DE
EVM0002420	LG1	protein NIM1-INTERACTING 1	not DE	not DE	not DE	not DE
EVM0002753	LG1	protein PAIR1	not DE	not DE	not DE	not DE
EVM0001192	LG1	protein PALE CRESS, chloropl	not DE	not DE	not DE	not DE
EVM0005868	LG1	protein ROOT PRIMORDIUM DEFE	1.721256	3.44E-06	not DE	not DE
EVM0016959	LG1	protein ROOT PRIMORDIUM DEFE	not DE	not DE	not DE	not DE
EVM0009475	LG1	protein S-acyltransferase 18	not DE	not DE	3.057072	0.01288
EVM0011393	LG1	protein STRUBBELIG-RECEPTOR	not DE	not DE	not DE	not DE
EVM0000146	LG1	protein TRIGALACTOSYLDIACYLG	not DE	not DE	-1.57238	0.0013
EVM0001396	LG1	protein YLS7-like	not DE	not DE	not DE	not DE
EVM0002929	LG1	protein arvl homolog isoform	not DE	not DE	not DE	not DE
EVM0023342	LG1	protein cornichon homolog 4-	not DE	not DE	not DE	not DE
EVM0021211	LG1	protein disulfide isomerase-	not DE	not DE	not DE	not DE
EVM0002709	LG1	protein farnesyltransferase	not DE	not DE	not DE	not DE
EVM0020494	LG1	protein farnesyltransferase	not DE	not DE	not DE	not DE
EVM0003706	LG1	protein notum homolog	not DE	not DE	not DE	not DE
EVM0006074	LG1	protein phosphatase 2C 29-li	not DE	not DE	not DE	not DE
EVM0004768	LG1	protein phosphatase 2C 32-li	not DE	not DE	not DE	not DE
EVM0001208	LG1	protein translocase subunit	not DE	not DE	not DE	not DE
EVM0007016	LG1	protein transport protein SE	not DE	not DE	-1.03163	#####
EVM0000317	LG1	protein transport protein Se	not DE	not DE	not DE	not DE
EVM0006989	LG1	protein transport protein Se	-1.64326	0.008758	not DE	not DE
EVM0004416	LG1	protein trichome birefringen	not DE	not DE	not DE	not DE
EVM0006376	LG1	protein trichome birefringen	not DE	not DE	not DE	not DE
EVM0013676	LG1	protein-tyrosine-phosphatase	not DE	not DE	not DE	not DE
EVM0022635	LG1	protodermal factor 1	not DE	not DE	not DE	not DE
EVM0011627	LG1	putative DNA repair and reco	not DE	not DE	not DE	not DE
EVM0022959	LG1	putative DNA-binding protein	not DE	not DE	not DE	not DE
EVM0006492	LG1	putative DUF21 domain-contain	not DE	not DE	not DE	not DE
EVM0012795	LG1	putative ER lumen protein re	not DE	not DE	not DE	not DE
EVM0007784	LG1	putative F-box/FBD/LRR-repea	not DE	not DE	not DE	not DE
EVM0013163	LG1	putative UPF0481 protein At3	not DE	not DE	not DE	not DE
EVM0008776	LG1	putative casein kinase II su	not DE	not DE	not DE	not DE
EVM0005359	LG1	putative cytochrome c oxidas	not DE	not DE	not DE	not DE
EVM0013858	LG1	putative dual specificity pr	not DE	not DE	not DE	not DE
EVM0010439	LG1	putative germin-like protein	not DE	not DE	not DE	not DE
EVM0016233	LG1	putative germin-like protein	not DE	not DE	not DE	not DE
EVM0017174	LG1	putative glucose-6-phosphate	not DE	not DE	not DE	not DE
EVM0019386	LG1	putative glucose-6-phosphate	not DE	not DE	not DE	not DE
EVM0012912	LG1	putative kinase-like protein	not DE	not DE	not DE	not DE
EVM0021512	LG1	putative nuclease HARBI1-lik	not DE	not DE	not DE	not DE
EVM0002812	LG1	putative pectinesterase 63	not DE	not DE	not DE	not DE
EVM0005383	LG1	putative pectinesterase 63	not DE	not DE	not DE	not DE
EVM0023473	LG1	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0004394	LG1	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0015347	LG1	putative pentatricopeptide r	1.783059	0.016571	not DE	not DE
EVM0021523	LG1	putative pentatricopeptide r	2.179792	0.003233	not DE	not DE
EVM0020049	LG1	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0012819	LG1	putative phospholipid-transp	not DE	not DE	not DE	not DE
EVM0023811	LG1	putative phospholipid-transp	not DE	not DE	not DE	not DE
EVM0003109	LG1	putative protein TPRXL	not DE	not DE	not DE	not DE
EVM0012718	LG1	putative protein TPRXL-like	not DE	not DE	not DE	not DE
EVM0007656	LG1	putative ribonuclease H prot	not DE	not DE	not DE	not DE

EVM0021256	LG1	putative ribonuclease H prot	not DE	not DE	not DE	not DE
EVM0004585	LG1	putative ripening-related pr	not DE	not DE	not DE	not DE
EVM0021165	LG1	putative ripening-related pr	not DE	not DE	not DE	not DE
EVM0022462	LG1	pyridoxine/pyridoxamine 5&ap	not DE	not DE	not DE	not DE
EVM0019415	LG1	pyrophosphate--fructose 6-ph	not DE	not DE	not DE	not DE
EVM0014893	LG1	pyruvate dehydrogenase E1 co	not DE	not DE	not DE	not DE
EVM0009167	LG1	rac-like GTP-binding protein	not DE	not DE	not DE	not DE
EVM0004224	LG1	rac-like GTP-binding protein	not DE	not DE	not DE	not DE
EVM0017719	LG1	ras-related protein RABA1f-l	not DE	not DE	not DE	not DE
EVM0015555	LG1	ras-related protein RABB1b	not DE	not DE	1.082601	#####
EVM0002452	LG1	ras-related protein RABD2a-l	not DE	not DE	not DE	not DE
EVM0015742	LG1	ras-related protein RABH1b	not DE	not DE	not DE	not DE
EVM0002115	LG1	ras-related protein RABH1b-l	not DE	not DE	not DE	not DE
EVM0002238	LG1	ras-related protein Rab11D-l	not DE	not DE	not DE	not DE
EVM0009882	LG1	receptor-like protein 12-lik	not DE	not DE	not DE	not DE
EVM0011139	LG1	receptor-like serine/threonin	not DE	not DE	not DE	not DE
EVM0003526	LG1	regulator of nonsense transcr	not DE	not DE	not DE	not DE
EVM0016793	LG1	regulatory protein NPR3-like	not DE	not DE	not DE	not DE
EVM0011840	LG1	respiratory burst oxidase ho	not DE	not DE	-1.65388	0.01208
EVM0022232	LG1	respiratory burst oxidase ho	not DE	not DE	not DE	not DE
EVM0021614	LG1	rho GTPase-activating protei	not DE	not DE	not DE	not DE
EVM0009981	LG1	riboflavin synthase	not DE	not DE	not DE	not DE
EVM0000373	LG1	riboflavin synthase-like isc	not DE	not DE	not DE	not DE
EVM0006353	LG1	ribonuclease 2	not DE	not DE	not DE	not DE
EVM0023106	LG1	ribonuclease E/G-like protei	not DE	not DE	not DE	not DE
EVM0006322	LG1	ribonuclease P protein subun	not DE	not DE	not DE	not DE
EVM0006164	LG1	ribose-phosphate pyrophospho	not DE	not DE	not DE	not DE
EVM0013414	LG1	secretory carrier-associated	not DE	not DE	not DE	not DE
EVM0007971	LG1	seed biotin-containing prote	9.701641	0.000111	not DE	not DE
EVM0023646	LG1	selenocysteine methyltransfe	not DE	not DE	not DE	not DE
EVM0011970	LG1	senescence-specific cysteine	not DE	not DE	not DE	not DE
EVM0003269	LG1	serine/threonine protein pho	not DE	not DE	not DE	not DE
EVM0007080	LG1	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0017034	LG1	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0012987	LG1	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0002449	LG1	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0000699	LG1	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0015207	LG1	serine/threonine-protein kin	not DE	not DE	-1.07128	#####
EVM0011075	LG1	serine/threonine-protein pho	not DE	not DE	not DE	not DE
EVM0003324	LG1	shaggy-related protein kinas	not DE	not DE	not DE	not DE
EVM0022818	LG1	shaggy-related protein kinas	not DE	not DE	not DE	not DE
EVM0007443	LG1	short-chain dehydrogenase re	not DE	not DE	not DE	not DE
EVM0011285	LG1	short-chain dehydrogenase re	not DE	not DE	not DE	not DE
EVM0005200	LG1	small nuclear ribonucleoprot	not DE	not DE	not DE	not DE
EVM0000413	LG1	small nuclear ribonucleoprot	not DE	not DE	1.255962	#####
EVM0007659	LG1	small ubiquitin-related modi	not DE	not DE	not DE	not DE
EVM0021324	LG1	small ubiquitin-related modi	not DE	not DE	not DE	not DE
EVM0022340	LG1	soluble inorganic pyrophosph	not DE	not DE	not DE	not DE
EVM0002568	LG1	spermatogenesis-associated p	not DE	not DE	not DE	not DE
EVM0009727	LG1	squamosa promoter-binding-li	not DE	not DE	not DE	not DE
EVM0010036	LG1	sterol 3-beta-glucosyltransf	not DE	not DE	not DE	not DE
EVM0023176	LG1	stress-related protein	not DE	not DE	1.541665	0.04106
EVM0008602	LG1	structural maintenance of ch	not DE	not DE	not DE	not DE
EVM0016924	LG1	subtilisin-like protease-lik	not DE	not DE	not DE	not DE

EVM0017795	LG1	subtilisin-like protease-like	-1.79039	0.031985	not DE	not DE
EVM0001047	LG1	syntaxin-22-like			not DE	not DE
EVM0011232	LG1	tRNA (guanine-N(7)-)-methylt			not DE	not DE
EVM0011256	LG1	tRNA 2'&apos;-phosphotransfer			not DE	not DE
EVM0014561	LG1	tRNA wybutosine-synthesizing			not DE	not DE
EVM0012232	LG1	tRNA:m(4)X modification enzym			not DE	not DE
EVM0010465	LG1	testis-expressed sequence 11			not DE	not DE
EVM0010388	LG1	threonine--tRNA ligase, mito			not DE	not DE
EVM0020665	LG1	tobamovirus multiplication p			not DE	not DE
EVM0017038	LG1	tobamovirus multiplication p			2.172762	0.00015
EVM0017434	LG1	trans-resveratrol di-O-methy			not DE	not DE
EVM0004265	LG1	trans-resveratrol di-O-methy			not DE	not DE
EVM0011989	LG1	trans-resveratrol di-O-methy			not DE	not DE
EVM0012857	LG1	trans-resveratrol di-O-methy			not DE	not DE
EVM0020805	LG1	transcription factor CPC-like			not DE	not DE
EVM0014326	LG1	transcription factor GTE4-li			not DE	not DE
EVM0020901	LG1	transcription factor PAR1-li			not DE	not DE
EVM0000626	LG1	transcription factor PIF3-li	1.633631	1.83E-05	not DE	not DE
EVM0010780	LG1	transcription factor RF2a-li			not DE	not DE
EVM0008563	LG1	transcription factor WER-like			not DE	not DE
EVM0011983	LG1	transcription factor WER-like			not DE	not DE
EVM0012758	LG1	transcription factor bHLH69-			not DE	not DE
EVM0015899	LG1	transcription factor bHLH71-			not DE	not DE
EVM0008923	LG1	transcription factor bHLH91-			not DE	not DE
EVM0010506	LG1	transcriptional adapter ADA2			not DE	not DE
EVM0015832	LG1	transcriptional adapter ADA2			not DE	not DE
EVM0023705	LG1	translation factor GUF1 hom			not DE	not DE
EVM0009113	LG1	transmembrane emp24 domain-c			not DE	not DE
EVM0024508	LG1	transmembrane protein 41 hom	-2.24268	0.046286	not DE	not DE
EVM0012412	LG1	transportin-3-like isoform X			not DE	not DE
EVM0012600	LG1	two-component response regul			not DE	not DE
EVM0011384	LG1	two-component response regul			not DE	not DE
EVM0015535	LG1	two-component response regul	2.084421	2.17E-05	1.003094	0.02687
EVM0020896	LG1	two-pore potassium channel 5			not DE	not DE
EVM0011722	LG1	type I inositol 1,4,5-trisph			not DE	not DE
EVM0018245	LG1	type I inositol 1,4,5-trisph			not DE	not DE
EVM0006895	LG1	tyrosine decarboxylase 1-lik			not DE	not DE
EVM0024364	LG1	ubiquinol oxidase 2, mitocho			not DE	not DE
EVM0023278	LG1	ubiquitin-40S ribosomal prot			not DE	not DE
EVM0001892	LG1	ubiquitin-conjugating enzyme			not DE	not DE
EVM0007324	LG1	ubiquitin-conjugating enzyme			not DE	not DE
EVM0021854	LG1	ubiquitin-conjugating enzyme			not DE	not DE
EVM0006991	LG1	ubiquitin-conjugating enzyme			not DE	not DE
EVM0019893	LG1	ubiquitin-related modifier 1			not DE	not DE
EVM0017733	LG1	uncharacterized CRM domain-c			not DE	not DE
EVM0020354	LG1	uncharacterized GPI-anchored			not DE	not DE
EVM0014991	LG1	uncharacterized LOC100306376			not DE	not DE
EVM0023934	LG1	uncharacterized membrane pro	1.08795	0.001951	not DE	not DE
EVM0000938	LG1	uncharacterized protein At1g			not DE	not DE
EVM0020477	LG1	uncharacterized protein At5g	1.894981	0.010308	not DE	not DE
EVM0021082	LG1	uncharacterized protein At5g			not DE	not DE
EVM0006796	LG1	uncharacterized protein At5g			not DE	not DE
EVM0018626	LG1	uncharacterized protein C4or	-1.52866	0.003707	not DE	not DE
EVM0016931	LG1	uncharacterized protein LOC1			not DE	not DE

EVM0016012	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021415	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018326	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011718	LG1	uncharacterized protein LOC1	not DE	not DE	1.549411	#####
EVM0003866	LG1	uncharacterized protein LOC1	not DE	not DE	-1.71843	0.00522
EVM0010206	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010619	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004131	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015627	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018724	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005864	LG1	uncharacterized protein LOC1	1.01621	0.018482	not DE	not DE
EVM0014276	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022993	LG1	uncharacterized protein LOC1	-1.49407	0.001831	not DE	not DE
EVM0018632	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018186	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020890	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019624	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019477	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012259	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003605	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003645	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021789	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023928	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002556	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003933	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023692	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013059	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012809	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024416	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018789	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000446	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020524	LG1	uncharacterized protein LOC1	not DE	not DE	1.74587	0.00081
EVM0000677	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021571	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003542	LG1	uncharacterized protein LOC1	not DE	not DE	-1.02598	0.01661
EVM0011898	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017036	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005620	LG1	uncharacterized protein LOC1	1.011627	0.049026	not DE	not DE
EVM0023942	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022582	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004157	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005887	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009888	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020657	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016551	LG1	uncharacterized protein LOC1	not DE	not DE	-1.64195	#####
EVM0008592	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017966	LG1	uncharacterized protein LOC1	1.048238	0.000731	not DE	not DE
EVM0017109	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011646	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003873	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001268	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013036	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019615	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020155	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE

EVM0022499	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019848	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001543	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005963	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017757	LG1	uncharacterized protein LOC1	1.486266	0.000811	not DE	not DE
EVM0022292	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006867	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021336	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004794	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002473	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003707	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023061	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017295	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016991	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021419	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000507	LG1	uncharacterized protein LOC1	-3.74163	0.036709	not DE	not DE
EVM0024474	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023443	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002026	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019019	LG1	uncharacterized protein LOC1	not DE	not DE	-1.13014	0.00387
EVM0019783	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010311	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018296	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010339	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006960	LG1	uncharacterized protein LOC1	not DE	not DE	1.121095	0.01978
EVM0002783	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016336	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021958	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000310	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007423	LG1	uncharacterized protein LOC1	1.297923	0.005408	not DE	not DE
EVM0015432	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019199	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023202	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013415	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011757	LG1	uncharacterized protein LOC1	not DE	not DE	-1.13085	0.00979
EVM0024118	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009954	LG1	uncharacterized protein LOC1	2.03727	1.25E-06	-1.62717	0.00036
EVM0012386	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003454	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009789	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009683	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003230	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006541	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006531	LG1	uncharacterized protein LOC1	not DE	not DE	1.284015	0.00012
EVM0023681	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003260	LG1	uncharacterized protein LOC1	1.926529	0.036123	not DE	not DE
EVM0009807	LG1	uncharacterized protein LOC1	not DE	not DE	-1.03036	0.02363
EVM0016157	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024001	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008470	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013168	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003316	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000207	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003443	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE

EVM0010063	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005227	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019843	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000014	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002893	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023940	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005618	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008312	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010039	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003351	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023162	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024669	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008863	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020787	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023777	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017855	LG1	uncharacterized protein LOC1	not DE	not DE	-1.11496	#####
EVM0010616	LG1	uncharacterized protein LOC1	-1.97142	0.022662	not DE	not DE
EVM0024455	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020597	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019705	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020625	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023670	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021091	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006086	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012435	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004056	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018637	LG1	uncharacterized protein LOC1	not DE	not DE	-1.59358	#####
EVM0024427	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012211	LG1	uncharacterized protein LOC1	-2.56395	7.14E-07	not DE	not DE
EVM0016177	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018747	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019387	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019510	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016877	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001116	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023951	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009273	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002202	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020980	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000108	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002914	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001441	LG1	uncharacterized protein LOC1	not DE	not DE	1.316364	#####
EVM0007924	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017285	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000746	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008275	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014945	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003628	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022133	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022285	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024556	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020253	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001958	LG1	uncharacterized protein LOC1	2.002681	0.017892	not DE	not DE
EVM0015922	LG1	uncharacterized protein LOC1	1.575635	0.003657	not DE	not DE



EVM0013643	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016458	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018455	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010642	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008484	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016039	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005437	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012480	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006794	LG1	uncharacterized protein LOC1	-1.52204	0.033249	not DE	not DE
EVM0008931	LG1	uncharacterized protein LOC1	not DE	not DE	1.712627	#####
EVM0015573	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020690	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023032	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017684	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012351	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007579	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014295	LG1	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005124	LG1	uric acid degradation bifunc	not DE	not DE	not DE	not DE
EVM0012245	LG1	uridine kinase-like protein	not DE	not DE	not DE	not DE
EVM0018649	LG1	vacuolar protein sorting-ass	not DE	not DE	not DE	not DE
EVM0016295	LG1	vacuolar protein sorting-ass	not DE	not DE	not DE	not DE
EVM0024650	LG1	vacuolar protein-sorting-ass	not DE	not DE	not DE	not DE
EVM0021590	LG1	vesicle-associated membrane	not DE	not DE	not DE	not DE
EVM0001993	LG1	vignain-like	not DE	not DE	not DE	not DE
EVM0004007	LG1	vignain-like	not DE	not DE	not DE	not DE
EVM0007804	LG1	vignain-like	not DE	not DE	not DE	not DE
EVM0017166	LG1	vignain-like	not DE	not DE	not DE	not DE
EVM0011809	LG1	weel-like protein kinase-lik	not DE	not DE	not DE	not DE
EVM0013087	LG1	weel-like protein kinase-lik	not DE	not DE	not DE	not DE
EVM0009844	LG1	xylem serine proteinase 1-li	not DE	not DE	not DE	not DE
EVM0002401	LG1	xyloglucan endotransglucosyl	not DE	not DE	not DE	not DE
EVM0009004	LG1	xyloglucan glycosyltransfera	not DE	not DE	not DE	not DE
EVM0021203	LG1	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0020605	LG1	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0005419	LG1	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0019137	LG1	zinc finger HIT domain-conta	not DE	not DE	not DE	not DE
EVM0008418	LG1	zinc finger protein CONSTANS	not DE	not DE	not DE	not DE
EVM0014210	LG1	zinc finger protein NUTCRACK	not DE	not DE	not DE	not DE
EVM0009708	LG1	zinc finger protein ZAT4-like	not DE	not DE	not DE	not DE
EVM0000298	LG1	1-aminocyclopropane-1-carboxy	not DE	not DE	not DE	not DE
EVM0010934	LG1	1-aminocyclopropane-1-carboxy	not DE	not DE	not DE	not DE
EVM0007546	LG1	1-aminocyclopropane-carboxyla	not DE	not DE	not DE	not DE
EVM0020736	LG1	20S proteasome beta subunit	not DE	not DE	not DE	not DE
EVM0006364	LG1	3-ketoacyl-CoA synthase 17	not DE	not DE	1.453754	0.00029
EVM0008966	LG1	30S ribosomal protein S15 (ch	not DE	not DE	not DE	not DE
EVM0011721	LG1	40S ribosomal protein S11	not DE	not DE	not DE	not DE
EVM0013025	LG1	60S acidic ribosomal family p	not DE	not DE	not DE	not DE
EVM0009123	LG1	60S ribosomal L13a-4 -like pr	not DE	not DE	not DE	not DE
EVM0004442	LG1	60S ribosomal protein L18a-1	not DE	not DE	not DE	not DE
EVM0000079	LG1	ACT domain repeat 6 isoform 1	not DE	not DE	not DE	not DE
EVM0017097	LG1	ADP-ribosylation factor	not DE	not DE	2.680871	0.025
EVM0011218	LG1	ADP-ribosylation factor GTPas	not DE	not DE	not DE	not DE
EVM0008480	LG1	ADP/ATP carrier 3 isoform 1	not DE	not DE	not DE	not DE
EVM0000597	LG1	AGAMOUS-like 66 isoform 4	not DE	not DE	not DE	not DE

EVM0015212	LG1	AGAMOUS-like 66 isoform 4	not DE	not DE	not DE	not DE
EVM0010663	LG1	AGAMOUS-like protein	not DE	not DE	not DE	not DE
EVM0001438	LG1	AIG2-like (avirulence induced	not DE	not DE	1.197199	0.01773
EVM0005749	LG1	AP2/B3-like transcriptional f	not DE	not DE	not DE	not DE
EVM0022551	LG1	AP2/ERF domain-containing tra	not DE	not DE	not DE	not DE
EVM0006148	LG1	AP2/ERF domain-containing tra	2.998406	0.001567	-1.68819	0.01594
EVM0020368	LG1	AP2/ERF domain-containing tra	not DE	not DE	not DE	not DE
EVM0021741	LG1	AP2/ERF transcription factor	3.693508	0.00293	not DE	not DE
EVM0024181	LG1	ARM repeat superfamily protei	not DE	not DE	not DE	not DE
EVM0001942	LG1	ARM repeat superfamily protei	not DE	not DE	not DE	not DE
EVM0004761	LG1	ATP binding cassette subfamil	not DE	not DE	not DE	not DE
EVM0006709	LG1	ATP binding cassette subfamil	not DE	not DE	not DE	not DE
EVM0010930	LG1	ATP binding cassette subfamil	not DE	not DE	not DE	not DE
EVM0009760	LG1	ATPase, F1 complex, delta/eps	not DE	not DE	not DE	not DE
EVM0010219	LG1	Acetyl Co-enzyme a carboxylas	not DE	not DE	not DE	not DE
EVM0008771	LG1	Acid phosphatase/vanadium-dep	not DE	not DE	not DE	not DE
EVM0006426	LG1	Alcohol dehydrogenase class-3	not DE	not DE	not DE	not DE
EVM0014266	LG1	Alcohol oxidase	not DE	not DE	not DE	not DE
EVM0004688	LG1	Alpha-1,6-xylosyltransferase	not DE	not DE	not DE	not DE
EVM0007189	LG1	Alpha/beta-Hydrolases superfa	not DE	not DE	not DE	not DE
EVM0014535	LG1	Alpha/beta-Hydrolases superfa	not DE	not DE	not DE	not DE
EVM0015559	LG1	Alpha/beta-Hydrolases superfa	not DE	not DE	not DE	not DE
EVM0014126	LG1	Aluminum-activated malate tra	not DE	not DE	not DE	not DE
EVM0023523	LG1	Amino acid permease family pr	not DE	not DE	not DE	not DE
EVM0013768	LG1	Amino acid permease, putative	not DE	not DE	not DE	not DE
EVM0011326	LG1	Aminophospholipid ATPase isof	not DE	not DE	not DE	not DE
EVM0007732	LG1	Ammonium transporter 2	not DE	not DE	not DE	not DE
EVM0001149	LG1	Ankyrin repeat family protein	not DE	not DE	not DE	not DE
EVM0017284	LG1	Ankyrin repeat family protein	not DE	not DE	not DE	not DE
EVM0014020	LG1	Aquaporin NIP1.1, putative	not DE	not DE	not DE	not DE
EVM0019227	LG1	Aquaporin NIP1.1, putative	not DE	not DE	not DE	not DE
EVM0021558	LG1	Aquaporin NIP1.1, putative	not DE	not DE	not DE	not DE
EVM0019620	LG1	Arabinogalactan protein 20	not DE	not DE	not DE	not DE
EVM0010505	LG1	BED zinc finger,hAT family di	not DE	not DE	not DE	not DE
EVM0021886	LG1	BHLH-like DNA binding protein	not DE	not DE	not DE	not DE
EVM0003981	LG1	BRASSINOSTEROID INSENSITIVE 1	not DE	not DE	not DE	not DE
EVM0002359	LG1	BZIP transcription factor fam	not DE	not DE	not DE	not DE
EVM0010263	LG1	Basic helix-loop-helix DNA-bi	not DE	not DE	not DE	not DE
EVM0007010	LG1	Basic helix-loop-helix DNA-bi	not DE	not DE	not DE	not DE
EVM0023104	LG1	Basic helix-loop-helix DNA-bi	3.388169	0.000495	not DE	not DE
EVM0012556	LG1	Beta-1,4-N-acetylglucosaminy	not DE	not DE	not DE	not DE
EVM0007137	LG1	Bifunctional inhibitor/lipid-	2.023613	0.026327	not DE	not DE
EVM0016091	LG1	Bifunctional inhibitor/lipid-	not DE	not DE	1.35614	0.00444
EVM0016472	LG1	Bifunctional inhibitor/lipid-	not DE	not DE	not DE	not DE
EVM0017921	LG1	C2H2 and C2HC zinc fingers su	not DE	not DE	not DE	not DE
EVM0015964	LG1	C2H2-type zinc finger family	not DE	not DE	not DE	not DE
EVM0006855	LG1	CHASE domain containing histi	not DE	not DE	not DE	not DE
EVM0011617	LG1	COBRA protein-7 precursor	not DE	not DE	not DE	not DE
EVM0005203	LG1	CONSTANS-LIKE 9-1	not DE	not DE	not DE	not DE
EVM0005995	LG1	Calcium-binding EF-hand famil	1.673226	0.011638	2.379765	#####
EVM0001860	LG1	Calcium-dependent phosphotrie	not DE	not DE	not DE	not DE
EVM0024457	LG1	Calmodulin-related, putative	not DE	not DE	not DE	not DE
EVM0002782	LG1	Cellulose synthase-like B3, p	1.100339	0.013156	not DE	not DE
EVM0000742	LG1	Cellulose synthase-like D5	not DE	not DE	not DE	not DE

EVM0013281	LG1	Chromatin remodeling complex	not DE	not DE	not DE	not DE
EVM0012532	LG1	Class II chitinase	not DE	not DE	not DE	not DE
EVM0000202	LG1	Clathrin adaptor complexes me	not DE	not DE	not DE	not DE
EVM0019575	LG1	Clavata3/esr-related 20, puta	not DE	not DE	not DE	not DE
EVM0006487	LG1	Coatomer epsilon subunit isof	not DE	not DE	not DE	not DE
EVM0018034	LG1	Complex 1 family protein / LV	not DE	not DE	not DE	not DE
EVM0017800	LG1	Cupredoxin superfamily protei	not DE	not DE	not DE	not DE
EVM0011742	LG1	Cyclic nucleotide-gated chann	not DE	not DE	not DE	not DE
EVM0024037	LG1	Cytidinediphosphate diacylgly	not DE	not DE	not DE	not DE
EVM0014842	LG1	Cytochrome P450 724B1	not DE	not DE	not DE	not DE
EVM0005257	LG1	Cytochrome P450 87A3	not DE	not DE	not DE	not DE
EVM0009529	LG1	Cytochrome P450 87A3	not DE	not DE	not DE	not DE
EVM0009824	LG1	Cytochrome P450 87A3	not DE	not DE	not DE	not DE
EVM0017586	LG1	Cytochrome P450 87A3	not DE	not DE	not DE	not DE
EVM0018001	LG1	Cytochrome P450, family 709,	not DE	not DE	not DE	not DE
EVM0015326	LG1	Cytochrome P450, family 709,	not DE	not DE	not DE	not DE
EVM0022780	LG1	Cytochrome P450, family 709,	not DE	not DE	not DE	not DE
EVM0008229	LG1	Cytochrome P450, putative iso	not DE	not DE	not DE	not DE
EVM0017022	LG1	Cytochrome c biogenesis prote	not DE	not DE	not DE	not DE
EVM0010944	LG1	Cytochrome c oxidase polypept	not DE	not DE	not DE	not DE
EVM0012923	LG1	DNA binding protein, putative	not DE	not DE	not DE	not DE
EVM0022892	LG1	DNA binding protein, putative	not DE	not DE	not DE	not DE
EVM0024401	LG1	DNA binding protein, putative	not DE	not DE	not DE	not DE
EVM0014799	LG1	DNA repair metallo-beta-lacta	not DE	not DE	not DE	not DE
EVM0000875	LG1	DNA-binding family protein	not DE	not DE	not DE	not DE
EVM0005010	LG1	DNA/RNA polymerases superfam	not DE	not DE	not DE	not DE
EVM0007583	LG1	DNA/RNA polymerases superfam	not DE	not DE	not DE	not DE
EVM0002538	LG1	DNAJ heat shock N-terminal do	not DE	not DE	not DE	not DE
EVM0021994	LG1	DNAse I-like superfamily prot	not DE	not DE	not DE	not DE
EVM0006151	LG1	DZC (Disease resistance/zinc	not DE	not DE	not DE	not DE
EVM0017748	LG1	DZC (Disease resistance/zinc	not DE	not DE	not DE	not DE
EVM0021864	LG1	Desacetoxyvindoline 4-hydroxy	not DE	not DE	1.647957	0.00102
EVM0011204	LG1	Digalactosyl diacylglycerol d	not DE	not DE	not DE	not DE
EVM0007916	LG1	DnaJ homolog subfamily B memb	-2.35743	8.98E-06	not DE	not DE
EVM0023608	LG1	EXORDIUM like 2	not DE	not DE	not DE	not DE
EVM0019731	LG1	Epoxide hydrolase 2	not DE	not DE	1.235064	0.0096
EVM0010292	LG1	Ethylene-responsive element b	not DE	not DE	not DE	not DE
EVM0013275	LG1	Ethylene-responsive element b	not DE	not DE	not DE	not DE
EVM0023623	LG1	Ethylene-responsive element b	not DE	not DE	not DE	not DE
EVM0019371	LG1	Ethylene-responsive transcrip	not DE	not DE	not DE	not DE
EVM0005520	LG1	Eukaryotic aspartyl protease	not DE	not DE	not DE	not DE
EVM0018936	LG1	Eukaryotic aspartyl protease	not DE	not DE	not DE	not DE
EVM0010802	LG1	Eukaryotic release factor 1-3	not DE	not DE	not DE	not DE
EVM0019459	LG1	Exocyst subunit exo70 family	not DE	not DE	not DE	not DE
EVM0000946	LG1	Exportin-2 -like protein	not DE	not DE	not DE	not DE
EVM0000712	LG1	F-box family protein, putativ	1.499604	0.029191	not DE	not DE
EVM0018713	LG1	F-box/LRR-repeat protein	not DE	not DE	not DE	not DE
EVM0024586	LG1	F-box/LRR-repeat protein	not DE	not DE	not DE	not DE
EVM0016860	LG1	F15K9.15 protein, putative iso	not DE	not DE	not DE	not DE
EVM0016292	LG1	F15k9.21, putative isoform 1	not DE	not DE	not DE	not DE
EVM0003569	LG1	FRIGIDA	not DE	not DE	not DE	not DE
EVM0020754	LG1	FRIGIDA3b-1	not DE	not DE	not DE	not DE
EVM0014226	LG1	Family of Uncharacterized pro	not DE	not DE	not DE	not DE
EVM0022637	LG1	Fatty acid hydroxylase superfi	not DE	not DE	not DE	not DE

EVM0021257	LG1	Fimbrin-like protein 2	not DE	not DE	not DE	not DE
EVM0000416	LG1	Formate dehydrogenase	not DE	not DE	not DE	not DE
EVM0023172	LG1	Formate dehydrogenase	not DE	not DE	not DE	not DE
EVM0001728	LG1	GCR2-like 2 isoform 1	not DE	not DE	not DE	not DE
EVM0011368	LG1	GDSL-like Lipase/Acylhydrolas	not DE	not DE	not DE	not DE
EVM0021026	LG1	GRAM domain family protein	not DE	not DE	-1.28775	0.02059
EVM0000563	LG1	GRAS family transcription fac	not DE	not DE	not DE	not DE
EVM0000756	LG1	GRAS family transcription fac	not DE	not DE	not DE	not DE
EVM0015285	LG1	GRAS family transcription fac	not DE	not DE	not DE	not DE
EVM0020852	LG1	GRAS54 protein	not DE	not DE	not DE	not DE
EVM0007923	LG1	GTP-binding family protein	not DE	not DE	not DE	not DE
EVM0006286	LG1	GTP-binding protein sar1, put	not DE	not DE	not DE	not DE
EVM0014452	LG1	Galactose mutarotase-like sup	not DE	not DE	not DE	not DE
EVM0021140	LG1	Galacturonosyltransferase 10	not DE	not DE	not DE	not DE
EVM0016681	LG1	Galacturonosyltransferase-lik	not DE	not DE	not DE	not DE
EVM0016066	LG1	Glutamate-1-semialdehyde 2,1-	not DE	not DE	not DE	not DE
EVM0020199	LG1	Glycosyltransferase family 29	not DE	not DE	not DE	not DE
EVM0003770	LG1	Grave disease carrier protein	not DE	not DE	not DE	not DE
EVM0014165	LG1	H+-ATPase family protein	not DE	not DE	not DE	not DE
EVM0005750	LG1	HCO3- transporter family	not DE	not DE	not DE	not DE
EVM0023247	LG1	HD domain class transcription	not DE	not DE	not DE	not DE
EVM0002306	LG1	HIT-type Zinc finger family p	-1.27662	0.012485	-2.01416	#####
EVM0000340	LG1	Heavy metal transport/detoxif	not DE	not DE	not DE	not DE
EVM0019230	LG1	Heavy metal transport/detoxif	-2.2026	0.012985	not DE	not DE
EVM0021529	LG1	Histidine triad (Hit) protein	not DE	not DE	not DE	not DE
EVM0019160	LG1	Histone H2A variant 1	not DE	not DE	2.951459	0.00121
EVM0011309	LG1	Histone-lysine N-methyltransf	not DE	not DE	not DE	not DE
EVM0017525	LG1	Homeobox-leucine zipper prote	not DE	not DE	not DE	not DE
EVM0006626	LG1	Homeodomain-like superfamily	not DE	not DE	not DE	not DE
EVM0011182	LG1	Homeodomain-like superfamily	not DE	not DE	not DE	not DE
EVM0012769	LG1	Indole-3-acetic acid inducibl	not DE	not DE	not DE	not DE
EVM0007999	LG1	Integral membrane HRF1 family	not DE	not DE	not DE	not DE
EVM0008661	LG1	Kelch repeat-containing prote	not DE	not DE	not DE	not DE
EVM0004002	LG1	Kinase superfamily protein is	not DE	not DE	not DE	not DE
EVM0006663	LG1	Kinase superfamily protein is	not DE	not DE	not DE	not DE
EVM0015804	LG1	Kip-related cyclin-dependent	not DE	not DE	not DE	not DE
EVM0022125	LG1	Kynurenine--oxoglutarate tran	not DE	not DE	not DE	not DE
EVM0014525	LG1	L-aspartate oxidase isoform 1	not DE	not DE	not DE	not DE
EVM0011159	LG1	LEAFY-like protein	not DE	not DE	not DE	not DE
EVM0020207	LG1	LOB domain protein 25	not DE	not DE	not DE	not DE
EVM0008112	LG1	LOB domain-containing protein	not DE	not DE	not DE	not DE
EVM0005524	LG1	LOB domain-containing protein	not DE	not DE	not DE	not DE
EVM0020939	LG1	Lateral organ boundaries doma	not DE	not DE	not DE	not DE
EVM0020255	LG1	Leucine-rich repeat protein k	not DE	not DE	not DE	not DE
EVM0005392	LG1	Long chain base2 isoform 1	not DE	not DE	not DE	not DE
EVM0010950	LG1	Lsd one like 1 isoform 1	not DE	not DE	not DE	not DE
EVM0005064	LG1	MYB-like DNA-binding domain p	not DE	not DE	not DE	not DE
EVM0013571	LG1	Magnesium transporter CorA fa	not DE	not DE	not DE	not DE
EVM0024517	LG1	Major facilitator superfamily	not DE	not DE	not DE	not DE
EVM0017739	LG1	Matrixin family protein	not DE	not DE	not DE	not DE
EVM0016337	LG1	Mediator of RNA polymerase II	not DE	not DE	not DE	not DE
EVM0012540	LG1	Metal ion binding protein, pu	not DE	not DE	not DE	not DE
EVM0006271	LG1	Micronuclear linker histone p	not DE	not DE	not DE	not DE
EVM0005611	LG1	Mitochondrial import inner me	not DE	not DE	not DE	not DE

EVM0015089	LG1	Mitochondrial ribosomal prote	not DE	not DE	not DE	not DE
EVM0008788	LG1	Mitochondrial substrate carri	not DE	not DE	not DE	not DE
EVM0007649	LG1	Mitochondrial substrate carri	not DE	not DE	not DE	not DE
EVM0003195	LG1	Mitogen-activated protein kin	not DE	not DE	not DE	not DE
EVM0008763	LG1	Multidrug resistance protein	1.484342	0.001921	not DE	not DE
EVM0002285	LG1	Myb domain protein 15, putati	not DE	not DE	not DE	not DE
EVM0015631	LG1	Myb domain protein 17 isoform	not DE	not DE	not DE	not DE
EVM0006106	LG1	Myb domain protein 39, putati	not DE	not DE	not DE	not DE
EVM0018933	LG1	Myb domain protein 55	not DE	not DE	not DE	not DE
EVM0001724	LG1	Myb domain protein 7, putativ	not DE	not DE	not DE	not DE
EVM0016036	LG1	N-alpha-acetyltransferase 20	not DE	not DE	not DE	not DE
EVM0006651	LG1	NAC domain protein, IPR003441	not DE	not DE	not DE	not DE
EVM0015206	LG1	NAC domain-containing protein	not DE	not DE	not DE	not DE
EVM0024520	LG1	NAC domain-containing protein	not DE	not DE	not DE	not DE
EVM0018983	LG1	NAD(P)-binding Rossmann-fold	not DE	not DE	not DE	not DE
EVM0000385	LG1	NAD(P)-binding Rossmann-fold	not DE	not DE	not DE	not DE
EVM0001417	LG1	NAD(P)-binding Rossmann-fold	not DE	not DE	not DE	not DE
EVM0017544	LG1	NADH dehydrogenase, putative	not DE	not DE	not DE	not DE
EVM0022308	LG1	NC domain-containing protein-	not DE	not DE	not DE	not DE
EVM0014721	LG1	Neomenthol dehydrogenase, put	not DE	not DE	not DE	not DE
EVM0016089	LG1	Nitrate transporter 1.5	not DE	not DE	not DE	not DE
EVM0020708	LG1	Nitrate transporter 1.5	3.014946	0.026427	not DE	not DE
EVM0011502	LG1	Nodulin MtN21 /EamA-like tran	not DE	not DE	not DE	not DE
EVM0021568	LG1	Nonspecific lipid-transfer pr	not DE	not DE	not DE	not DE
EVM0021646	LG1	Nuclear pore complex protein,	not DE	not DE	-1.64248	#####
EVM0019534	LG1	Nucleotide-diphospho-sugar tr	not DE	not DE	not DE	not DE
EVM0002217	LG1	Nudix hydrolase isoform 1	not DE	not DE	not DE	not DE
EVM0022305	LG1	Nudix hydrolase isoform 1	not DE	not DE	not DE	not DE
EVM0009375	LG1	ORM1-like protein 1	not DE	not DE	not DE	not DE
EVM0021417	LG1	Optic atrophy 3 protein	not DE	not DE	not DE	not DE
EVM0003836	LG1	Oxidoreductase, zinc-binding	not DE	not DE	not DE	not DE
EVM0011192	LG1	Oxidoreductase, zinc-binding	not DE	not DE	not DE	not DE
EVM0019543	LG1	Oxidoreductase, zinc-binding	not DE	not DE	not DE	not DE
EVM0022270	LG1	PAE	not DE	not DE	not DE	not DE
EVM0008869	LG1	PAM68, chloroplastic, putativ	not DE	not DE	-3.11768	0.02267
EVM0014838	LG1	PIN domain-like family protei	not DE	not DE	not DE	not DE
EVM0011506	LG1	PSI reaction center subunit I	-1.94861	0.000104	not DE	not DE
EVM0018027	LG1	Palmitoyl-acyl carrier protei	not DE	not DE	not DE	not DE
EVM0002408	LG1	Pectin lyase-like superfamily	not DE	not DE	not DE	not DE
EVM0012040	LG1	Pectinesterase, putative	not DE	not DE	not DE	not DE
EVM0021673	LG1	Pectinesterase, putative	not DE	not DE	not DE	not DE
EVM0015287	LG1	Pectinesterase-2 precursor, p	not DE	not DE	not DE	not DE
EVM0017334	LG1	Pentatricopeptide repeat-cont	1.089746	0.021651	not DE	not DE
EVM0020371	LG1	Pentatricopeptide repeat-cont	not DE	not DE	not DE	not DE
EVM0007344	LG1	Pentatricopeptide repeat-cont	not DE	not DE	not DE	not DE
EVM0004898	LG1	Peroxidase 3	not DE	not DE	not DE	not DE
EVM0007064	LG1	Phospholipase D beta 1 isoform	not DE	not DE	not DE	not DE
EVM0023312	LG1	Phosphoribosyltransferase fam	not DE	not DE	not DE	not DE
EVM0007374	LG1	Phosphotyrosine protein phosph	not DE	not DE	not DE	not DE
EVM0022879	LG1	Photosystem I reaction center	-1.9319	6.87E-05	not DE	not DE
EVM0023897	LG1	Pis v 5.0101 allergen 11S glo	not DE	not DE	not DE	not DE
EVM0011714	LG1	Plant VAP	not DE	not DE	not DE	not DE
EVM0016040	LG1	Plant invertase/pectin methyl	not DE	not DE	1.14118	0.04868
EVM0019730	LG1	Plant invertase/pectin methyl	not DE	not DE	not DE	not DE

EVM0009498	LG1	Plant protein 1589 of Unchara	not DE	not DE	not DE	not DE
EVM0010575	LG1	Plant-specific transcription	not DE	not DE	not DE	not DE
EVM0006136	LG1	Plasma membrane-like protein	not DE	not DE	not DE	not DE
EVM0006349	LG1	Plasmodesmata-located protein	not DE	not DE	not DE	not DE
EVM0022333	LG1	Pleckstrin domain-containing	not DE	not DE	not DE	not DE
EVM0010270	LG1	Pollen-specific protein SF3,	not DE	not DE	not DE	not DE
EVM0007706	LG1	Polygalacturonase	not DE	not DE	not DE	not DE
EVM0001022	LG1	Polygalacturonase 4, putative	not DE	not DE	not DE	not DE
EVM0021178	LG1	Polygalacturonase 4, putative	not DE	not DE	not DE	not DE
EVM0020795	LG1	Polyketide cyclase/dehydrase	not DE	not DE	not DE	not DE
EVM0012700	LG1	Probably inactive receptor-li	not DE	not DE	not DE	not DE
EVM0016782	LG1	Protein ABC1, mitochondrial p	not DE	not DE	not DE	not DE
EVM0007654	LG1	Proteinase inhibitor	not DE	not DE	not DE	not DE
EVM0012760	LG1	Purple acid phosphatase 15 is	not DE	not DE	not DE	not DE
EVM0023021	LG1	Putative lipid-transfer DIR1	-2.19353	0.013965	3.572829	0.00775
EVM0016901	LG1	Putative zinc finger CONSTANS	not DE	not DE	not DE	not DE
EVM0002272	LG1	RAB GTPase A5B	not DE	not DE	not DE	not DE
EVM0010574	LG1	RAD-like 6	not DE	not DE	not DE	not DE
EVM0010257	LG1	RALFL33, putative	not DE	not DE	not DE	not DE
EVM0002940	LG1	RING/FYVE/PHD zinc finger-con	not DE	not DE	not DE	not DE
EVM0017946	LG1	RING/U-box superfamily protei	not DE	not DE	not DE	not DE
EVM0004850	LG1	RING/U-box superfamily protei	not DE	not DE	not DE	not DE
EVM0011248	LG1	RING/U-box superfamily protei	not DE	not DE	not DE	not DE
EVM0006314	LG1	RNA recognition motif protein	not DE	not DE	not DE	not DE
EVM0003501	LG1	RNA-binding (RRM/RBD/RNP moti	not DE	not DE	not DE	not DE
EVM0019562	LG1	RNA-binding family protein is	not DE	not DE	not DE	not DE
EVM0022880	LG1	RNA-binding protein-defense r	-1.25561	0.011163	not DE	not DE
EVM0023678	LG1	RNI-like superfamily protein	not DE	not DE	not DE	not DE
EVM0024147	LG1	Raffinose synthase family pro	2.827052	0.043605	not DE	not DE
EVM0013046	LG1	Ras-related RABA3 -like prote	not DE	not DE	not DE	not DE
EVM0008656	LG1	RecName: Full=60S ribosomal p	not DE	not DE	not DE	not DE
EVM0004494	LG1	Receptor-like protein kinase-	not DE	not DE	not DE	not DE
EVM0007534	LG1	Remorin, putative	not DE	not DE	not DE	not DE
EVM0021293	LG1	Rhamnose biosynthesis 1 isof	not DE	not DE	not DE	not DE
EVM0004235	LG1	Rho GDP-dissociation inhibito	not DE	not DE	not DE	not DE
EVM0020364	LG1	Ribosomal protein L18	not DE	not DE	not DE	not DE
EVM0006338	LG1	Ribosomal protein L6 family	not DE	not DE	not DE	not DE
EVM0004837	LG1	Ribosomal protein L7Ae/L30e/S	not DE	not DE	not DE	not DE
EVM0002350	LG1	Ribosomal protein S27	not DE	not DE	not DE	not DE
EVM0000489	LG1	Ribosome-recycling factor	not DE	not DE	not DE	not DE
EVM0009060	LG1	Ripening-related protein 1	not DE	not DE	not DE	not DE
EVM0017217	LG1	S-adenosyl-L-methionine-depen	not DE	not DE	not DE	not DE
EVM0017398	LG1	S-adenosyl-L-methionine-depen	not DE	not DE	not DE	not DE
EVM0021946	LG1	S-norcochlorine synthase 1, p	not DE	not DE	not DE	not DE
EVM0008077	LG1	S-protein, putative	not DE	not DE	not DE	not DE
EVM0009486	LG1	S-protein, putative	not DE	not DE	not DE	not DE
EVM0009975	LG1	SCL6	not DE	not DE	not DE	not DE
EVM0021236	LG1	SCL6	not DE	not DE	-1.00496	0.0035
EVM0000990	LG1	SKP1-like protein 21 isoform	not DE	not DE	not DE	not DE
EVM0017360	LG1	SNARE associated Golgi protei	not DE	not DE	not DE	not DE
EVM0006980	LG1	SOC1-1	-2.15456	6.24E-05	not DE	not DE
EVM0008234	LG1	Serine-threonine protein kina	not DE	not DE	not DE	not DE
EVM0005106	LG1	Serine/threonine-protein kina	not DE	not DE	not DE	not DE
EVM0013666	LG1	Serine/threonine-protein kina	3.264991	0.002112	not DE	not DE

EVM0022093	LG1	Serine/threonine-protein phosphatase 2B	not DE	not DE	not DE	not DE
EVM0008350	LG1	Shaggy-related kinase 11, 11A	not DE	not DE	not DE	not DE
EVM0014150	LG1	Shaggy-related protein kinase 11	not DE	not DE	not DE	not DE
EVM0013237	LG1	Signal recognition particle receptor	not DE	not DE	not DE	not DE
EVM0012998	LG1	Signal recognition particle receptor	not DE	not DE	not DE	not DE
EVM0014740	LG1	Small ubiquitin-related modifier 1	not DE	not DE	not DE	not DE
EVM0013228	LG1	Sodium/hydrogen exchanger isoform 1	not DE	not DE	not DE	not DE
EVM0018162	LG1	Soybean gene regulated by cold	not DE	not DE	not DE	not DE
EVM0012941	LG1	Squamosa promoter binding protein 1	-1.49495	0.003635	not DE	not DE
EVM0008801	LG1	Sugar phosphate exchanger 2, isoform 1	not DE	not DE	not DE	not DE
EVM0020585	LG1	Sugar phosphate exchanger 2, isoform 2	not DE	not DE	not DE	not DE
EVM0024013	LG1	Sugar phosphate exchanger 2, isoform 3	not DE	not DE	not DE	not DE
EVM0009091	LG1	Surfeit locus protein 2, putative	not DE	not DE	not DE	not DE
EVM0002577	LG1	Syntaxin of plants 42 isoform 1	not DE	not DE	not DE	not DE
EVM0021175	LG1	TCP family transcription factor 1	not DE	not DE	not DE	not DE
EVM0000322	LG1	TCP family transcription factor 1	not DE	not DE	not DE	not DE
EVM0000993	LG1	TT12-2 MATE transporter	not DE	not DE	not DE	not DE
EVM0008045	LG1	TT12-2 MATE transporter	not DE	not DE	not DE	not DE
EVM0004184	LG1	TUDOR-SN protein 1 isoform 1	not DE	not DE	not DE	not DE
EVM0003763	LG1	Tapetum determinant 1	not DE	not DE	not DE	not DE
EVM0023565	LG1	Tetraspanin family protein, putative	not DE	not DE	not DE	not DE
EVM0010249	LG1	Tetratricopeptide repeat (TPR) domain	2.830379	0.002047	not DE	not DE
EVM0011170	LG1	Tetratricopeptide repeat (TPR) domain	not DE	not DE	not DE	not DE
EVM0011427	LG1	Tetratricopeptide repeat-like domain	not DE	not DE	not DE	not DE
EVM0014975	LG1	Thioredoxin M-type 4 isoform 1	not DE	not DE	not DE	not DE
EVM0024199	LG1	Thioredoxin M-type 4 isoform 2	not DE	not DE	not DE	not DE
EVM0024121	LG1	Transcription coactivators, putative	not DE	not DE	not DE	not DE
EVM0015359	LG1	Transcription factor	not DE	not DE	not DE	not DE
EVM0015837	LG1	Transducin/WD40 repeat superfamily	not DE	not DE	not DE	not DE
EVM0013862	LG1	Translocase of outer membrane	not DE	not DE	not DE	not DE
EVM0004243	LG1	Trichome birefringence-like 2	not DE	not DE	not DE	not DE
EVM0017441	LG1	Trichome birefringence-like 2	not DE	not DE	not DE	not DE
EVM0024420	LG1	Tryptase	not DE	not DE	-1.19779	0.0002
EVM0007387	LG1	Tubby like protein 3 isoform 1	not DE	not DE	not DE	not DE
EVM0008441	LG1	Tubulin gamma complex-associated protein	not DE	not DE	not DE	not DE
EVM0003485	LG1	UDP-D-glucuronate 4-epimerase	not DE	not DE	not DE	not DE
EVM0012665	LG1	UDP-D-glucuronate 4-epimerase	not DE	not DE	not DE	not DE
EVM0010421	LG1	UDP-Glycosyltransferase superfamily	-1.76658	0.048905	not DE	not DE
EVM0020337	LG1	UDP-Glycosyltransferase superfamily	not DE	not DE	not DE	not DE
EVM0023207	LG1	UDP-Glycosyltransferase superfamily	not DE	not DE	not DE	not DE
EVM0009267	LG1	UDP-galactose/UDP-glucose transferase	not DE	not DE	not DE	not DE
EVM0021255	LG1	UDP-galactose/UDP-glucose transferase	not DE	not DE	not DE	not DE
EVM0011378	LG1	Ubiquitin carboxyl-terminal hydrolase	not DE	not DE	not DE	not DE
EVM0024081	LG1	Ubiquitin carboxyl-terminal hydrolase	not DE	not DE	not DE	not DE
EVM0016030	LG1	Ubiquitin family protein	not DE	not DE	not DE	not DE
EVM0004997	LG1	Ubiquitin supergroup, Ribosomal	not DE	not DE	not DE	not DE
EVM0016844	LG1	Ubiquitin-like superfamily protein	not DE	not DE	not DE	not DE
EVM0011591	LG1	Uncharacterized protein TCM_C000001	not DE	not DE	not DE	not DE
EVM0020320	LG1	Uncharacterized protein TCM_C000002	not DE	not DE	not DE	not DE
EVM0005166	LG1	Uncharacterized protein TCM_C000003	not DE	not DE	not DE	not DE
EVM0000133	LG1	Uncharacterized protein TCM_C000004	not DE	not DE	not DE	not DE
EVM0018653	LG1	Uncharacterized protein TCM_C000005	not DE	not DE	not DE	not DE
EVM0009537	LG1	Uncharacterized protein TCM_C000006	not DE	not DE	not DE	not DE
EVM0019781	LG1	Uncharacterized protein TCM_C000007	not DE	not DE	not DE	not DE

EVM0004711	LG1	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0003335	LG1	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0022102	LG1	Uncharacterized protein TCM_C	not DE	not DE	-2.23943	0.00058
EVM0008681	LG1	Uncharacterized protein TCM_C	not DE	not DE	2.851253	0.02122
EVM0017101	LG1	Uncharacterized protein TCM_C	1.562994	2.56E-06	not DE	not DE
EVM0019412	LG1	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0020848	LG1	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0008818	LG1	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0009408	LG1	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0007520	LG1	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0019073	LG1	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0001404	LG1	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0000511	LG1	Uncharacterized protein TCM_C	-1.56854	0.007936	not DE	not DE
EVM0010375	LG1	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0018624	LG1	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0022457	LG1	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0014430	LG1	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0001548	LG1	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0004825	LG1	Uncharacterized protein TCM_C	-1.35037	6.25E-05	not DE	not DE
EVM0004076	LG1	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0007009	LG1	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0000692	LG1	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0010586	LG1	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0020397	LG1	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0019069	LG1	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0003216	LG1	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0004619	LG1	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0012911	LG1	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0020561	LG1	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0021009	LG1	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0024597	LG1	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0024665	LG1	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0000124	LG1	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0000314	LG1	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0001687	LG1	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0003403	LG1	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0022745	LG1	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0005798	LG1	UvrABC system protein C	not DE	not DE	not DE	not DE
EVM0011616	LG1	Vacuolar cation/proton exchan	not DE	not DE	not DE	not DE
EVM0009795	LG1	WRKY family transcription fac	not DE	not DE	not DE	not DE
EVM0022523	LG1	WRKY transcription factor 23-	not DE	not DE	not DE	not DE
EVM0007069	LG1	WRKY transcription factor 47-	not DE	not DE	not DE	not DE
EVM0003466	LG1	WRKY transcription factor 6-1	-1.54831	0.042076	not DE	not DE
EVM0000134	LG1	WRKY-type DNA binding protein	not DE	not DE	not DE	not DE
EVM0020675	LG1	WRKY1	not DE	not DE	not DE	not DE
EVM0009390	LG1	Winged-helix DNA-binding tran	not DE	not DE	not DE	not DE
EVM0000482	LG1	Zinc finger C-x8-C-x5-C-x3-H	1.879419	0.013775	not DE	not DE
EVM0004940	LG1	Zinc finger protein 4	not DE	not DE	not DE	not DE
EVM0000851	LG1	Zinc finger protein 6, putati	not DE	not DE	not DE	not DE
EVM0008493	LG1	Zinc knuckle family protein,	1.558973	0.017999	not DE	not DE
EVM0005074	LG1	acyl-CoA thioesterase, putati	not DE	not DE	not DE	not DE
EVM0013507	LG1	argonaute 6 protein	not DE	not DE	not DE	not DE
EVM0020693	LG1	atpobl, putative	not DE	not DE	not DE	not DE
EVM0012867	LG1	auxin response factor, partial	not DE	not DE	not DE	not DE



EVM0014142	LG1	auxin-binding protein 1	not DE	not DE	not DE	not DE
EVM0005435	LG1	auxin-response factor	not DE	not DE	not DE	not DE
EVM0002087	LG1	bHLH	1.432265	0.000915	not DE	not DE
EVM0000335	LG1	basic helix-loop-helix protein	not DE	not DE	not DE	not DE
EVM0018291	LG1	basic pentacysteine7-like protein	not DE	not DE	not DE	not DE
EVM0017563	LG1	beta-amylase 5	not DE	not DE	not DE	not DE
EVM0019347	LG1	beta-amylase 5	not DE	not DE	not DE	not DE
EVM0020765	LG1	calmodulin, putative	not DE	not DE	not DE	not DE
EVM0022275	LG1	cellulose synthase	not DE	not DE	not DE	not DE
EVM0019365	LG1	chalcone isomerase	not DE	not DE	not DE	not DE
EVM0016989	LG1	chalcone synthase	not DE	not DE	not DE	not DE
EVM0003249	LG1	chitinase family protein	not DE	not DE	not DE	not DE
EVM0002121	LG1	chloroplast carbonic anhydrase	-4.36444	0.000127	not DE	not DE
EVM0008574	LG1	chloroplast carbonic anhydrase	not DE	not DE	not DE	not DE
EVM0021095	LG1	clathrin binding protein, putative	not DE	not DE	not DE	not DE
EVM0001079	LG1	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0001392	LG1	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0003602	LG1	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0004256	LG1	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0007327	LG1	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0007904	LG1	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0008143	LG1	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0008203	LG1	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0013979	LG1	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0015746	LG1	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0016058	LG1	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0017215	LG1	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0018080	LG1	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0018083	LG1	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0018170	LG1	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0019698	LG1	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0020673	LG1	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0021803	LG1	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0021900	LG1	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0022448	LG1	conserved hypothetical protein	-1.16578	0.043354	not DE	not DE
EVM0005446	LG1	copper ion binding protein, putative	not DE	not DE	not DE	not DE
EVM0012572	LG1	core region of GTP cyclohydrolase	not DE	not DE	not DE	not DE
EVM0009861	LG1	cyclin family protein	not DE	not DE	not DE	not DE
EVM0021440	LG1	cycloartenol synthase protein	not DE	not DE	not DE	not DE
EVM0021812	LG1	cytochrome P450 CYP94A1 family	not DE	not DE	not DE	not DE
EVM0007284	LG1	elongation factor tu, putative	not DE	not DE	not DE	not DE
EVM0009039	LG1	endo-1,3-1,4-beta-d-glucanase	not DE	not DE	not DE	not DE
EVM0018513	LG1	ethylene receptor	not DE	not DE	not DE	not DE
EVM0007638	LG1	ethylene response factor 10	not DE	not DE	not DE	not DE
EVM0003600	LG1	ferric-chelate reductase, putative	not DE	not DE	not DE	not DE
EVM0000453	LG1	gag-pol polyprotein	not DE	not DE	not DE	not DE
EVM0023059	LG1	gag/pol protein	not DE	not DE	not DE	not DE
EVM0006545	LG1	gibberellin 2-oxidase, putative	not DE	not DE	not DE	not DE
EVM0005170	LG1	gibberellin 20-oxidase, putative	not DE	not DE	not DE	not DE
EVM0016763	LG1	glucose-6-phosphate 1-dehydrogenase	not DE	not DE	not DE	not DE
EVM0001902	LG1	glutaredoxin family protein	not DE	not DE	not DE	not DE
EVM0012869	LG1	glutathione S-transferase family	not DE	not DE	not DE	not DE
EVM0010005	LG1	glutathione peroxidase	not DE	not DE	not DE	not DE
EVM0014146	LG1	glutathione reductase	not DE	not DE	not DE	not DE

EVM0001696	LG1	glycerol-3-phosphate acyltran	not DE	not DE	not DE	not DE
EVM0012300	LG1	glycine-rich protein	not DE	not DE	not DE	not DE
EVM0006149	LG1	glycoside hydrolase family 9	not DE	not DE	not DE	not DE
EVM0005931	LG1	glycosyl transferase family 1	not DE	not DE	not DE	not DE
EVM0019489	LG1	glycosyl transferase family 2	not DE	not DE	not DE	not DE
EVM0000499	LG1	haloacid dehalogenase-like hy	-2.00628	0.020988	not DE	not DE
EVM0008290	LG1	heat shock protein binding pr	-6.23492	3.54E-21	not DE	not DE
EVM0008094	LG1	hydrolase, putative	-1.78411	0.006494	not DE	not DE
EVM0014048	LG1	hydroperoxide lyase	not DE	not DE	not DE	not DE
EVM0000080	LG1	hypothetical protein (mitoch	not DE	not DE	not DE	not DE
EVM0021433	LG1	hypothetical protein (mitoch	not DE	not DE	not DE	not DE
EVM0004180	LG1	hypothetical protein AALP_AA3	not DE	not DE	not DE	not DE
EVM0008361	LG1	hypothetical protein AALP_AA3	not DE	not DE	not DE	not DE
EVM0011051	LG1	hypothetical protein AALP_AA5	not DE	not DE	-1.02475	0.04843
EVM0020226	LG1	hypothetical protein CICLE_v1	not DE	not DE	-1.10436	#####
EVM0003193	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015199	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000876	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016952	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022986	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024618	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010419	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021841	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023805	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021412	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022344	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016863	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000119	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006851	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010499	LG1	hypothetical protein CICLE_v1	not DE	not DE	1.124759	#####
EVM0010162	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020204	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014779	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022787	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014347	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014038	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011985	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020801	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005540	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013002	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001825	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007404	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017137	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011026	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008316	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000008	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011649	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020711	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005610	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013515	LG1	hypothetical protein CICLE_v1	1.446339	0.028351	not DE	not DE
EVM0010968	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023603	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005613	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023075	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0002697	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012930	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002446	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022404	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020133	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003380	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004222	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010811	LG1	hypothetical protein CICLE_v1	1.056744	8.24E-06	not DE	not DE
EVM0015801	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013790	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010571	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004955	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016299	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005098	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022463	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018429	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020229	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013413	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019238	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023651	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000194	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011156	LG1	hypothetical protein CICLE_v1	not DE	not DE	-1.06045	0.0001
EVM0008529	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016480	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017590	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019676	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002772	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002915	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022012	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000319	LG1	hypothetical protein CICLE_v1	-1.81635	0.02209	-1.76728	0.01666
EVM0023203	LG1	hypothetical protein CICLE_v1	not DE	not DE	2.345901	0.03996
EVM0022405	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003428	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019673	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011507	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001467	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011662	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008982	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002974	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010186	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013685	LG1	hypothetical protein CICLE_v1	not DE	not DE	-1.06004	#####
EVM0020240	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014108	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001904	LG1	hypothetical protein CICLE_v1	2.477614	0.031959	not DE	not DE
EVM0006631	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000001	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010178	LG1	hypothetical protein CICLE_v1	3.126887	0.026825	3.662911	#####
EVM0002445	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013105	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017745	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012398	LG1	hypothetical protein CICLE_v1	1.280193	8.67E-17	not DE	not DE
EVM0007833	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005280	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016445	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0018055	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010915	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008676	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008483	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007004	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008549	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014396	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020688	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003330	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023419	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013117	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022278	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009935	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004349	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006073	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006459	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004047	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003860	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019129	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018196	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010736	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003691	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021910	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004829	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010714	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019182	LG1	hypothetical protein CICLE_v1	2.974844	0.002148	not DE	not DE
EVM0000191	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005905	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010602	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008518	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013077	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014818	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005324	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015980	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010883	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003048	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020988	LG1	hypothetical protein CICLE_v1	-1.29853	0.037681	not DE	not DE
EVM0014673	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001333	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023002	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018786	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015350	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002266	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017383	LG1	hypothetical protein CICLE_v1	not DE	not DE	-5.19609	0.00364
EVM0019472	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009712	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017780	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019713	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005377	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013049	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002177	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009357	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001502	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024102	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0001688	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003585	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015861	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019123	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001726	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005575	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012206	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008360	LG1	hypothetical protein CICLE_v1	1.018347	0.024796	not DE	not DE
EVM0013872	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009403	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004914	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003962	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020003	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009597	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003007	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012599	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018156	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012275	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016043	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000128	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005960	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002031	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015854	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012595	LG1	hypothetical protein CICLE_v1	1.932865	0.028852	not DE	not DE
EVM0005320	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005692	LG1	hypothetical protein CICLE_v1	not DE	not DE	1.107673	0.00889
EVM0022076	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009291	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011448	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012977	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005999	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006443	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009862	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010509	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013023	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019587	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007881	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023017	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020948	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002506	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014091	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009811	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003143	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010102	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006556	LG1	hypothetical protein CICLE_v1	-1.92294	0.004947	not DE	not DE
EVM0006814	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000065	LG1	hypothetical protein CICLE_v1	1.164908	0.008345	not DE	not DE
EVM0015586	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006000	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013721	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021650	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008322	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002159	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002440	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0020698	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011925	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024388	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015770	LG1	hypothetical protein CICLE_v1	-2.43891	0.000345	not DE	not DE
EVM0007585	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013042	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019031	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016788	LG1	hypothetical protein CICLE_v1	not DE	not DE	-1.30276	#####
EVM0014620	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002443	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009678	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005641	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003299	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001347	LG1	hypothetical protein CICLE_v1	2.016756	0.016662	not DE	not DE
EVM0002575	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017496	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019091	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016374	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004207	LG1	hypothetical protein CICLE_v1	-2.66229	0.016683	-3.94285	#####
EVM0009558	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017814	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019314	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013707	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011994	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021164	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006179	LG1	hypothetical protein CICLE_v1	-1.32262	1.17E-06	not DE	not DE
EVM0015358	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017132	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002641	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022747	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022431	LG1	hypothetical protein CICLE_v1	-1.21325	0.000182	not DE	not DE
EVM0006066	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018305	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013308	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021840	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022486	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000179	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020534	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003404	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020453	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020230	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015612	LG1	hypothetical protein CICLE_v1	2.291213	0.009904	not DE	not DE
EVM0020800	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014629	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003662	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001124	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023981	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007968	LG1	hypothetical protein CICLE_v1	1.675389	0.000336	1.341457	0.00214
EVM0015164	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002040	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005045	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008466	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007091	LG1	hypothetical protein CICLE_v1	-1.70897	0.03848	not DE	not DE
EVM0016477	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0017073	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003564	LG1	hypothetical protein CICLE_v1	-2.59613	5.14E-05	not DE	not DE
EVM0015211	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001373	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005338	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015834	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019414	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000960	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020419	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006061	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004607	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020436	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015055	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018096	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017189	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020329	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011353	LG1	hypothetical protein CICLE_v1	-1.68459	0.02625	not DE	not DE
EVM0012273	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019078	LG1	hypothetical protein CICLE_v1	not DE	not DE	1.993523	0.00013
EVM0015607	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015865	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013722	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022029	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019779	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020810	LG1	hypothetical protein CICLE_v1	2.515348	2.65E-15	1.009723	0.00415
EVM0018100	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006456	LG1	hypothetical protein CICLE_v1	-4.91011	7.91E-09	3.665557	0.02999
EVM0014486	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009679	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022775	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007763	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001466	LG1	hypothetical protein CICLE_v1	not DE	not DE	1.619081	#####
EVM0004244	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012656	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019889	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009987	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012699	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021092	LG1	hypothetical protein CICLE_v1	1.704072	0.027545	not DE	not DE
EVM0023438	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006614	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014963	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005943	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017704	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023767	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009439	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002584	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007379	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010390	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004024	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005484	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024217	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012014	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000227	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021490	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0001956	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016169	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006757	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002939	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014095	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000989	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011929	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013584	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006003	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014511	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020910	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008851	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007953	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008251	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010734	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004036	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022008	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024479	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000115	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013241	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005793	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013187	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015268	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023245	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024378	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006842	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021520	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013736	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013351	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007567	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015621	LG1	hypothetical protein CICLE_v1	not DE	not DE	1.199005	0.00362
EVM0013431	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008235	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010097	LG1	hypothetical protein CICLE_v1	not DE	not DE	-1.26279	#####
EVM0014351	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006023	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014275	LG1	hypothetical protein CICLE_v1	not DE	not DE	-1.00145	#####
EVM0021717	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002069	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009462	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013575	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022155	LG1	hypothetical protein CICLE_v1	not DE	not DE	-1.00915	0.00232
EVM0008642	LG1	hypothetical protein CICLE_v1	1.275082	0.019264	not DE	not DE
EVM0006272	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012726	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015409	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002421	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006197	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023858	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020867	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003245	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002676	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017135	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003416	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE



EVM0008458	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023224	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010322	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017626	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015096	LG1	hypothetical protein CICLE_v1	2.523411	1.85E-09	not DE	not DE
EVM0020383	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024279	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004391	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000668	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020936	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008238	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005172	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000059	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018240	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003100	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013656	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009726	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002660	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009967	LG1	hypothetical protein CICLE_v1	2.70368	0.002461	not DE	not DE
EVM0021794	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008866	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004136	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021424	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005173	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000251	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002423	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020065	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004498	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007062	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003274	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024191	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001969	LG1	hypothetical protein CICLE_v1	not DE	not DE	1.730217	0.00448
EVM0004594	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020028	LG1	hypothetical protein CICLE_v1	-1.7109	0.031411	-1.75023	#####
EVM0013984	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015802	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004964	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021136	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013283	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007223	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024381	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019370	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007158	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016242	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019383	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008212	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002670	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018979	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012967	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012089	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016210	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003710	LG1	hypothetical protein CICLE_v1	not DE	not DE	1.485255	0.00111
EVM0022286	LG1	hypothetical protein CICLE_v1	-1.92587	0.049179	not DE	not DE
EVM0023079	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0005249	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007236	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002680	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024513	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021301	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013122	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000799	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007055	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010784	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008437	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004356	LG1	hypothetical protein CICLE_v1	-2.0832	1.04E-12	not DE	not DE
EVM0018617	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014528	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021081	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023663	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007813	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006313	LG1	hypothetical protein CICLE_v1	1.019742	0.00467	not DE	not DE
EVM0018191	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018586	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001864	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007523	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017610	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014822	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021277	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014195	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007147	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006926	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020061	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020687	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001181	LG1	hypothetical protein CICLE_v1	1.110352	0.001235	not DE	not DE
EVM0008555	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001527	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022213	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022813	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017612	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016164	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006302	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000250	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018502	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022697	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008510	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021044	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004969	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016809	LG1	hypothetical protein CICLE_v1	-1.25841	0.00013	not DE	not DE
EVM0023239	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004301	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015656	LG1	hypothetical protein CICLE_v1	not DE	not DE	1.200744	0.00254
EVM0004028	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010323	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002608	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016259	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023956	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015514	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022061	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0005317	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008639	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017483	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017141	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018262	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002041	LG1	hypothetical protein CICLE_v1	1.027351	0.043771	not DE	not DE
EVM0012483	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012048	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009393	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000655	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006229	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020251	LG1	hypothetical protein CICLE_v1	1.636828	0.000707	not DE	not DE
EVM0017125	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002765	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002015	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011178	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008428	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020277	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009395	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008168	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004026	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009568	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016678	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007821	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007118	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020637	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005112	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017256	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006189	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001576	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002160	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012069	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013792	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022113	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023978	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001623	LG1	hypothetical protein CICLE_v1	-6.91252	0.008755	-5.57225	0.01706
EVM0019277	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018403	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005918	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023412	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005151	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024435	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001561	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015560	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014220	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000794	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005797	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020078	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013132	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010013	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000417	LG1	hypothetical protein CICLE_v1	not DE	not DE	1.133164	0.00119
EVM0022440	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008942	LG1	hypothetical protein CICLE_v1	-1.66688	0.038734	not DE	not DE
EVM0012735	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0003240	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013720	LG1	hypothetical protein CICLE_v1	1.221694	0.02533	not DE	not DE
EVM0016451	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002182	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013495	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010992	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004253	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003623	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003410	LG1	hypothetical protein CICLE_v1	-1.25334	9.91E-06	not DE	not DE
EVM0006986	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009569	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012893	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001506	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015202	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023879	LG1	hypothetical protein CICLE_v1	not DE	not DE	-1.16603	0.03393
EVM0017134	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007040	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008377	LG1	hypothetical protein CICLE_v1	1.018377	0.024968	not DE	not DE
EVM0001497	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004672	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000630	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017606	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021917	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015390	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021640	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002033	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000826	LG1	hypothetical protein CICLE_v1	1.761221	0.003869	not DE	not DE
EVM0013401	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004397	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018873	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011760	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017287	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021926	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009863	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010486	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006845	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016602	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019860	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011299	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015470	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010542	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013398	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015655	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005627	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007935	LG1	hypothetical protein CICLE_v1	-1.64194	0.000449	not DE	not DE
EVM0013084	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013135	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009602	LG1	hypothetical protein CICLE_v1	-6.71768	3.11E-69	-3.17821	#####
EVM0023606	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020650	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007149	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005031	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020413	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004259	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0024448	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003862	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014384	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008285	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021161	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021004	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008702	LG1	hypothetical protein CICLE_v1	1.089925	0.036253	not DE	not DE
EVM0019686	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016736	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010829	LG1	hypothetical protein CICLE_v1	3.281664	2.12E-07	not DE	not DE
EVM0001866	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009142	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000029	LG1	hypothetical protein CICLE_v1	not DE	not DE	3.690757	0.02575
EVM0022930	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001606	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008076	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008355	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018928	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021624	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007810	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014131	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002333	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022143	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002153	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014694	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010326	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008371	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019566	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000451	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024403	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016420	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018687	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018307	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015923	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003790	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007228	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022224	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012862	LG1	hypothetical protein CICLE_v1	1.601566	0.02758	1.215152	0.00787
EVM0006405	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019216	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003772	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019931	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019336	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001794	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008061	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014548	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012992	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022928	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000209	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005954	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000947	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002258	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011701	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008882	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0020091	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010937	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010489	LG1	hypothetical protein CICLE_v1	not DE	not DE	1.207982	0.0419
EVM0023461	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007746	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017180	LG1	hypothetical protein CICLE_v1	2.495441	0.001004	1.352665	0.03371
EVM0008311	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018755	LG1	hypothetical protein CICLE_v1	1.457616	0.049242	not DE	not DE
EVM0020172	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020856	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014997	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023486	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001959	LG1	hypothetical protein CICLE_v1	1.280495	0.031889	not DE	not DE
EVM0014072	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006727	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018946	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005967	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009817	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013021	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000242	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022398	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022337	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007259	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012721	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020876	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023673	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001821	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004894	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018966	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001265	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000284	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006072	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020289	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005521	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001885	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002585	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023529	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012387	LG1	hypothetical protein CICLE_v1	2.875416	5.62E-09	not DE	not DE
EVM0004012	LG1	hypothetical protein CICLE_v1	not DE	not DE	1.110368	0.00014
EVM0002390	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011189	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024027	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007766	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006577	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020909	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023958	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019526	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005527	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012606	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018198	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007557	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013914	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015462	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007758	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0021763	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005486	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018136	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007919	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014751	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000884	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013932	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003325	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001387	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019283	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004451	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008753	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011807	LG1	hypothetical protein CICLE_v1	-1.38096	0.044575	not DE	not DE
EVM0007580	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008272	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004437	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013572	LG1	hypothetical protein CICLE_v1	not DE	not DE	-1.39354	0.03972
EVM0022190	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016144	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016496	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019785	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013982	LG1	hypothetical protein CICLE_v1	-1.0941	0.019691	not DE	not DE
EVM0020176	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018038	LG1	hypothetical protein CICLE_v1	-1.37232	0.043697	not DE	not DE
EVM0002039	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020626	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022449	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001933	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014093	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006812	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006329	LG1	hypothetical protein CICLE_v1	not DE	not DE	1.362662	0.00146
EVM0009160	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002874	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000669	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024482	LG1	hypothetical protein CICLE_v1	not DE	not DE	1.058413	0.01921
EVM0012515	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001977	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010301	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002143	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003903	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017316	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000010	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005947	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020259	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020043	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021932	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013954	LG1	hypothetical protein CICLE_v1	not DE	not DE	3.340713	0.04476
EVM0015058	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024263	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024267	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005946	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017668	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007133	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019341	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0002998	LG1	hypothetical protein CICLE_v1	not DE	not DE	1.200975	#####
EVM0017301	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014338	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023316	LG1	hypothetical protein CICLE_v1	-2.18442	0.005209	not DE	not DE
EVM0005404	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012778	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020889	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000197	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024464	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011327	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020345	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008171	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004783	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021559	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018820	LG1	hypothetical protein CICLE_v1	not DE	not DE	1.042891	0.00337
EVM0009835	LG1	hypothetical protein CICLE_v1	not DE	not DE	1.610521	0.0353
EVM0005015	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009499	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024623	LG1	hypothetical protein CICLE_v1	not DE	not DE	1.103836	#####
EVM0010313	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014340	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022094	LG1	hypothetical protein CICLE_v1	1.16483	0.037681	2.037317	#####
EVM0023240	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005877	LG1	hypothetical protein CICLE_v1	6.784915	0.002232	not DE	not DE
EVM0011086	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004549	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019784	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007312	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009573	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003070	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016966	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014071	LG1	hypothetical protein CICLE_v1	not DE	not DE	2.213824	#####
EVM0011652	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014550	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019898	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022693	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023994	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022902	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015476	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011796	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000998	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009149	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016196	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006996	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009047	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015773	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023314	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009700	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013631	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006356	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013950	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020658	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005256	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009561	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE



EVM0021304	LG1	hypothetical protein CICLE_v1	-2.16547	0.011678	not DE	not DE
EVM0008160	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020201	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005824	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023051	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008690	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016223	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000590	LG1	hypothetical protein CICLE_v1	not DE	not DE	1.621993	0.00032
EVM0015305	LG1	hypothetical protein CICLE_v1	1.112544	0.018319	not DE	not DE
EVM0013789	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011152	LG1	hypothetical protein CICLE_v1	2.880888	1.62E-05	not DE	not DE
EVM0018073	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015551	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019667	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010723	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007099	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024179	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005628	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012116	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000621	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024557	LG1	hypothetical protein CICLE_v1	-2.79095	9.57E-05	not DE	not DE
EVM0016191	LG1	hypothetical protein CICLE_v1	1.624676	0.00681	not DE	not DE
EVM0014151	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010861	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021457	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000649	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017786	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019556	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008986	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014551	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012315	LG1	hypothetical protein CICLE_v1	1.534979	0.016091	not DE	not DE
EVM0000541	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014472	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015353	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014557	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010878	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014463	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011568	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001381	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011337	LG1	hypothetical protein CICLE_v1	-1.1361	0.046888	-1.69997	#####
EVM0010297	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008496	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012766	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005671	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017491	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006839	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007154	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010721	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023422	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001014	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011827	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011600	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020726	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010749	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0022798	LG1	hypothetical protein CICLE_v1	-1.87383	5.14E-05	not DE	not DE
EVM0017338	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015986	LG1	hypothetical protein CICLE_v1	4.39456	1.27E-05	not DE	not DE
EVM0005880	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016540	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003882	LG1	hypothetical protein CICLE_v1	2.237841	0.00801	not DE	not DE
EVM0008954	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018415	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006233	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012290	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015335	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002882	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018520	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006949	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007241	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024622	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015779	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009900	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008315	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016847	LG1	hypothetical protein CICLE_v1	not DE	not DE	1.177988	0.00053
EVM0020428	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005192	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020247	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011371	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016669	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019062	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003192	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007929	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011160	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005630	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014949	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017708	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013973	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013953	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018695	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008711	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000787	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017172	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004863	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004521	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003226	LG1	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022138	LG1	hypothetical protein CISEN_1g	not DE	not DE	-1.03997	0.00172
EVM0015274	LG1	hypothetical protein CISEN_1g	not DE	not DE	not DE	not DE
EVM0018615	LG1	hypothetical protein CISEN_1g	not DE	not DE	not DE	not DE
EVM0012392	LG1	hypothetical protein CISEN_1g	not DE	not DE	-1.04293	0.00146
EVM0023241	LG1	hypothetical protein CISEN_1g	not DE	not DE	not DE	not DE
EVM0010523	LG1	hypothetical protein CISEN_1g	not DE	not DE	not DE	not DE
EVM0016506	LG1	hypothetical protein CISEN_1g	not DE	not DE	not DE	not DE
EVM0009594	LG1	hypothetical protein CISEN_1g	not DE	not DE	not DE	not DE
EVM0000540	LG1	hypothetical protein CISEN_1g	not DE	not DE	-1.0288	0.00524
EVM0013937	LG1	hypothetical protein CISEN_1g	not DE	not DE	not DE	not DE
EVM0022950	LG1	hypothetical protein CISEN_1g	not DE	not DE	not DE	not DE
EVM0013780	LG1	hypothetical protein CISEN_1g	not DE	not DE	not DE	not DE
EVM0007047	LG1	hypothetical protein CISEN_1g	not DE	not DE	not DE	not DE



EVM0023440	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012755	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017279	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009993	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008897	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011752	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003147	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003596	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023624	LG1	hypothetical protein CISIN_1g	2.005021	0.002353	not DE	not DE
EVM0015874	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002531	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015780	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007383	LG1	hypothetical protein CISIN_1g	1.813611	0.003268	not DE	not DE
EVM0017061	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012017	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019778	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017422	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017437	LG1	hypothetical protein CISIN_1g	not DE	not DE	-1.47155	0.00047
EVM0021536	LG1	hypothetical protein CISIN_1g	-1.51007	7.12E-05	-1.62242	#####
EVM0001221	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024414	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012083	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006174	LG1	hypothetical protein CISIN_1g	1.436331	0.000846	not DE	not DE
EVM0001106	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015826	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007956	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010594	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011168	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007854	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002430	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004564	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013329	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018463	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003879	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002436	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011490	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023759	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011452	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020962	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021660	LG1	hypothetical protein CISIN_1g	1.310297	4.78E-06	not DE	not DE
EVM0009371	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023116	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022148	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021030	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021831	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016747	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016712	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007737	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010290	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013642	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023301	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008313	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005617	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015915	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0013770	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009087	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010849	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021252	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012317	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018642	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000922	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016464	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015909	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009401	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002456	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021080	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018236	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005690	LG1	hypothetical protein CISIN_1g	not DE	not DE	-1.62796	#####
EVM0015601	LG1	hypothetical protein CISIN_1g	not DE	not DE	1.182244	0.04546
EVM0017725	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011560	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004396	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009618	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012870	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002880	LG1	hypothetical protein CISIN_1g	-1.17724	0.004546	not DE	not DE
EVM0005537	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015604	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007212	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017648	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015144	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012157	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002472	LG1	hypothetical protein CISIN_1g	1.112879	0.005885	not DE	not DE
EVM0020375	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007588	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018889	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013662	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017108	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004813	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023731	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011002	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018800	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016484	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018860	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021270	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018584	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020187	LG1	hypothetical protein CISIN_1g	-1.50844	4.40E-05	not DE	not DE
EVM0005614	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008273	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013581	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017405	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020395	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013898	LG1	hypothetical protein CISIN_1g	not DE	not DE	-1.15227	0.02237
EVM0022084	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005440	LG1	hypothetical protein CISIN_1g	-2.1807	0.009827	not DE	not DE
EVM0019691	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013630	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018344	LG1	hypothetical protein CISIN_1g	-2.72301	7.58E-05	not DE	not DE
EVM0007920	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0000198	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006777	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002615	LG1	hypothetical protein CISIN_1g	2.923931	0.013471	2.958008	#####
EVM0013913	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016807	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012054	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000267	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016972	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010068	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004679	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006277	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011134	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018985	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020567	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003826	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006664	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008194	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015032	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019127	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015492	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016350	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000215	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010098	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006145	LG1	hypothetical protein CISIN_1g	not DE	not DE	2.396131	0.01552
EVM0015754	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005387	LG1	hypothetical protein CISIN_1g	-4.64384	9.29E-09	-3.13121	#####
EVM0024193	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014239	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022557	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011442	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016277	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009437	LG1	hypothetical protein CISIN_1g	-1.21165	6.74E-05	not DE	not DE
EVM0005348	LG1	hypothetical protein CISIN_1g	not DE	not DE	1.05444	0.03818
EVM0023141	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013195	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019131	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023728	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012041	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007123	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011255	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011819	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022870	LG1	hypothetical protein CISIN_1g	3.093733	0.0029	not DE	not DE
EVM0016744	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023596	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003096	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021997	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014983	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022643	LG1	hypothetical protein CISIN_1g	-1.39822	0.016332	not DE	not DE
EVM0008126	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020709	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015978	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017504	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001271	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007757	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0016306	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004785	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018333	LG1	hypothetical protein CISIN_1g	not DE	not DE	1.470291	0.01989
EVM0020239	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005708	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014202	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011659	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009135	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003083	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003576	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024293	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008340	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015398	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013169	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002383	LG1	hypothetical protein CISIN_1g	not DE	not DE	2.102277	0.04219
EVM0015218	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022338	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001917	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006169	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024598	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002808	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019632	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010011	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017247	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000755	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022789	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018008	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023598	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014164	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006430	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023995	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023413	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014122	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009473	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004654	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016577	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009543	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014500	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020046	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013221	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014609	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001161	LG1	hypothetical protein CISIN_1g	1.665607	0.008257	not DE	not DE
EVM0000611	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019597	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022177	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001317	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012279	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019775	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004989	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007752	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010338	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014076	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015272	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017734	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0020118	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014090	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021636	LG1	hypothetical protein CISIN_1g	-3.33358	0.014279	not DE	not DE
EVM0006967	LG1	hypothetical protein CISIN_1g	not DE	not DE	-1.96519	0.00027
EVM0022725	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003800	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005368	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018893	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002043	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000355	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018327	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005927	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023190	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011808	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016896	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019776	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020346	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004400	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004936	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010963	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016230	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013731	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005038	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009685	LG1	hypothetical protein CISIN_1g	1.186045	0.019264	not DE	not DE
EVM0023135	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004357	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014996	LG1	hypothetical protein CISIN_1g	2.217877	0.014607	not DE	not DE
EVM0009761	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013674	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011553	LG1	hypothetical protein CISIN_1g	not DE	not DE	1.291111	0.01517
EVM0024048	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004445	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020748	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019284	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006672	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002811	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009608	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002646	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000973	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010004	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017726	LG1	hypothetical protein CISIN_1g	-2.27241	0.001636	not DE	not DE
EVM0013301	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013626	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016513	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013244	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000585	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007371	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012635	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013799	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006648	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010157	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018423	LG1	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024468	LG1	hypothetical protein CISIN_1g	2.644458	0.00021	not DE	not DE
EVM0010236	LG1	hypothetical protein Csa_5G63	not DE	not DE	not DE	not DE



EVM0018391	LG1	hypothetical protein Csa_7G04	not DE	not DE	not DE	not DE
EVM0015998	LG1	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0022791	LG1	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0000229	LG1	hypothetical protein EUTSA_v1	not DE	not DE	not DE	not DE
EVM0010631	LG1	hypothetical protein F383_011	1.413594	0.037605	not DE	not DE
EVM0018041	LG1	hypothetical protein F383_011	not DE	not DE	not DE	not DE
EVM0006289	LG1	hypothetical protein F383_096	not DE	not DE	not DE	not DE
EVM0020895	LG1	hypothetical protein F383_179	not DE	not DE	-1.38772	#####
EVM0004492	LG1	hypothetical protein F383_224	not DE	not DE	not DE	not DE
EVM0011956	LG1	hypothetical protein F383_273	not DE	not DE	not DE	not DE
EVM0019145	LG1	hypothetical protein F383_285	not DE	not DE	not DE	not DE
EVM0000977	LG1	hypothetical protein F383_351	not DE	not DE	1.172801	#####
EVM0020984	LG1	hypothetical protein JCGZ_017	not DE	not DE	not DE	not DE
EVM0005297	LG1	hypothetical protein JCGZ_018	not DE	not DE	not DE	not DE
EVM0024006	LG1	hypothetical protein JCGZ_027	not DE	not DE	1.107935	0.00011
EVM0003252	LG1	hypothetical protein JCGZ_031	not DE	not DE	not DE	not DE
EVM0002885	LG1	hypothetical protein JCGZ_043	not DE	not DE	not DE	not DE
EVM0019455	LG1	hypothetical protein JCGZ_043	not DE	not DE	not DE	not DE
EVM0001934	LG1	hypothetical protein JCGZ_049	not DE	not DE	not DE	not DE
EVM0002201	LG1	hypothetical protein JCGZ_052	not DE	not DE	not DE	not DE
EVM0001777	LG1	hypothetical protein JCGZ_101	not DE	not DE	not DE	not DE
EVM0020019	LG1	hypothetical protein JCGZ_101	not DE	not DE	not DE	not DE
EVM0015706	LG1	hypothetical protein JCGZ_101	not DE	not DE	not DE	not DE
EVM0015012	LG1	hypothetical protein JCGZ_101	not DE	not DE	not DE	not DE
EVM0018924	LG1	hypothetical protein JCGZ_101	not DE	not DE	not DE	not DE
EVM0001738	LG1	hypothetical protein JCGZ_101	not DE	not DE	not DE	not DE
EVM0006889	LG1	hypothetical protein JCGZ_101	not DE	not DE	not DE	not DE
EVM0010870	LG1	hypothetical protein JCGZ_102	not DE	not DE	not DE	not DE
EVM0013845	LG1	hypothetical protein JCGZ_102	not DE	not DE	not DE	not DE
EVM0017478	LG1	hypothetical protein JCGZ_102	not DE	not DE	not DE	not DE
EVM0021501	LG1	hypothetical protein JCGZ_102	not DE	not DE	not DE	not DE
EVM0000631	LG1	hypothetical protein JCGZ_106	not DE	not DE	1.041935	0.00282
EVM0011028	LG1	hypothetical protein JCGZ_118	not DE	not DE	not DE	not DE
EVM0004484	LG1	hypothetical protein JCGZ_122	not DE	not DE	not DE	not DE
EVM0022621	LG1	hypothetical protein JCGZ_128	not DE	not DE	not DE	not DE
EVM0024119	LG1	hypothetical protein JCGZ_129	not DE	not DE	not DE	not DE
EVM0012531	LG1	hypothetical protein JCGZ_137	not DE	not DE	not DE	not DE
EVM0003825	LG1	hypothetical protein JCGZ_137	not DE	not DE	not DE	not DE
EVM0018102	LG1	hypothetical protein JCGZ_138	not DE	not DE	1.006855	0.01542
EVM0000899	LG1	hypothetical protein JCGZ_139	not DE	not DE	-2.29065	0.01385
EVM0002424	LG1	hypothetical protein JCGZ_139	not DE	not DE	not DE	not DE
EVM0013020	LG1	hypothetical protein JCGZ_139	not DE	not DE	not DE	not DE
EVM0019682	LG1	hypothetical protein JCGZ_139	not DE	not DE	not DE	not DE
EVM0008324	LG1	hypothetical protein JCGZ_139	not DE	not DE	not DE	not DE
EVM0002012	LG1	hypothetical protein JCGZ_140	not DE	not DE	not DE	not DE
EVM0007345	LG1	hypothetical protein JCGZ_140	not DE	not DE	not DE	not DE
EVM0008977	LG1	hypothetical protein JCGZ_140	not DE	not DE	not DE	not DE
EVM0014075	LG1	hypothetical protein JCGZ_140	not DE	not DE	-1.63888	0.01873
EVM0000757	LG1	hypothetical protein JCGZ_141	not DE	not DE	not DE	not DE
EVM0023482	LG1	hypothetical protein JCGZ_141	not DE	not DE	not DE	not DE
EVM0014562	LG1	hypothetical protein JCGZ_141	not DE	not DE	not DE	not DE
EVM0020753	LG1	hypothetical protein JCGZ_141	not DE	not DE	not DE	not DE
EVM0020884	LG1	hypothetical protein JCGZ_141	not DE	not DE	not DE	not DE
EVM0015957	LG1	hypothetical protein JCGZ_142	not DE	not DE	not DE	not DE

EVM0010449	LG1	hypothetical protein JCGZ_142	not DE	not DE	not DE	not DE
EVM0017370	LG1	hypothetical protein JCGZ_142	not DE	not DE	not DE	not DE
EVM0001081	LG1	hypothetical protein JCGZ_142	not DE	not DE	not DE	not DE
EVM0003727	LG1	hypothetical protein JCGZ_142	not DE	not DE	not DE	not DE
EVM0021581	LG1	hypothetical protein JCGZ_143	not DE	not DE	1.001958	#####
EVM0010873	LG1	hypothetical protein JCGZ_143	not DE	not DE	not DE	not DE
EVM0016351	LG1	hypothetical protein JCGZ_143	not DE	not DE	not DE	not DE
EVM0017615	LG1	hypothetical protein JCGZ_143	not DE	not DE	not DE	not DE
EVM0007765	LG1	hypothetical protein JCGZ_144	not DE	not DE	not DE	not DE
EVM0005287	LG1	hypothetical protein JCGZ_144	not DE	not DE	not DE	not DE
EVM0007220	LG1	hypothetical protein JCGZ_145	not DE	not DE	not DE	not DE
EVM0001048	LG1	hypothetical protein JCGZ_145	not DE	not DE	-1.11905	0.00028
EVM0018526	LG1	hypothetical protein JCGZ_145	not DE	not DE	-1.52612	0.00228
EVM0019450	LG1	hypothetical protein JCGZ_145	not DE	not DE	-3.44566	#####
EVM0024615	LG1	hypothetical protein JCGZ_145	not DE	not DE	not DE	not DE
EVM0017210	LG1	hypothetical protein JCGZ_145	not DE	not DE	not DE	not DE
EVM0008804	LG1	hypothetical protein JCGZ_145	not DE	not DE	not DE	not DE
EVM0012545	LG1	hypothetical protein JCGZ_146	not DE	not DE	not DE	not DE
EVM0013998	LG1	hypothetical protein JCGZ_146	not DE	not DE	not DE	not DE
EVM0000449	LG1	hypothetical protein JCGZ_146	not DE	not DE	not DE	not DE
EVM0018432	LG1	hypothetical protein JCGZ_146	not DE	not DE	not DE	not DE
EVM0011955	LG1	hypothetical protein JCGZ_146	not DE	not DE	not DE	not DE
EVM0008477	LG1	hypothetical protein JCGZ_146	not DE	not DE	not DE	not DE
EVM0007369	LG1	hypothetical protein JCGZ_146	not DE	not DE	not DE	not DE
EVM0014492	LG1	hypothetical protein JCGZ_146	not DE	not DE	not DE	not DE
EVM0016881	LG1	hypothetical protein JCGZ_146	-2.03838	0.049205	not DE	not DE
EVM0023809	LG1	hypothetical protein JCGZ_146	not DE	not DE	not DE	not DE
EVM0024282	LG1	hypothetical protein JCGZ_146	not DE	not DE	not DE	not DE
EVM0004576	LG1	hypothetical protein JCGZ_146	not DE	not DE	not DE	not DE
EVM0019867	LG1	hypothetical protein JCGZ_146	not DE	not DE	not DE	not DE
EVM0023573	LG1	hypothetical protein JCGZ_146	not DE	not DE	not DE	not DE
EVM0019171	LG1	hypothetical protein JCGZ_146	not DE	not DE	not DE	not DE
EVM0006160	LG1	hypothetical protein JCGZ_150	not DE	not DE	not DE	not DE
EVM0000812	LG1	hypothetical protein JCGZ_150	not DE	not DE	not DE	not DE
EVM0001016	LG1	hypothetical protein JCGZ_150	not DE	not DE	not DE	not DE
EVM0011830	LG1	hypothetical protein JCGZ_150	not DE	not DE	not DE	not DE
EVM0012551	LG1	hypothetical protein JCGZ_150	not DE	not DE	not DE	not DE
EVM0008049	LG1	hypothetical protein JCGZ_150	not DE	not DE	not DE	not DE
EVM0019699	LG1	hypothetical protein JCGZ_151	not DE	not DE	not DE	not DE
EVM0021713	LG1	hypothetical protein JCGZ_151	not DE	not DE	not DE	not DE
EVM0015717	LG1	hypothetical protein JCGZ_151	not DE	not DE	not DE	not DE
EVM0008204	LG1	hypothetical protein JCGZ_162	not DE	not DE	not DE	not DE
EVM0008317	LG1	hypothetical protein JCGZ_171	not DE	not DE	not DE	not DE
EVM0008637	LG1	hypothetical protein JCGZ_175	not DE	not DE	not DE	not DE
EVM0002532	LG1	hypothetical protein JCGZ_176	not DE	not DE	not DE	not DE
EVM0023395	LG1	hypothetical protein JCGZ_176	not DE	not DE	not DE	not DE
EVM0008917	LG1	hypothetical protein JCGZ_176	not DE	not DE	not DE	not DE
EVM0024493	LG1	hypothetical protein JCGZ_184	not DE	not DE	not DE	not DE
EVM0020609	LG1	hypothetical protein JCGZ_184	-2.4307	0.001634	not DE	not DE
EVM0018002	LG1	hypothetical protein JCGZ_184	not DE	not DE	not DE	not DE
EVM0023954	LG1	hypothetical protein JCGZ_186	not DE	not DE	-1.76253	0.01292
EVM0007626	LG1	hypothetical protein JCGZ_193	not DE	not DE	not DE	not DE
EVM0011672	LG1	hypothetical protein JCGZ_193	not DE	not DE	not DE	not DE
EVM0014531	LG1	hypothetical protein JCGZ_201	not DE	not DE	not DE	not DE

EVM0004843	LG1	hypothetical protein JCGZ_218	not DE	not DE	not DE	not DE
EVM0017679	LG1	hypothetical protein JCGZ_218	not DE	not DE	not DE	not DE
EVM0006088	LG1	hypothetical protein JCGZ_218	not DE	not DE	not DE	not DE
EVM0015971	LG1	hypothetical protein JCGZ_219	not DE	not DE	not DE	not DE
EVM0013897	LG1	hypothetical protein JCGZ_219	-3.18525	0.000619	not DE	not DE
EVM0013526	LG1	hypothetical protein JCGZ_219	not DE	not DE	not DE	not DE
EVM0011098	LG1	hypothetical protein JCGZ_219	not DE	not DE	not DE	not DE
EVM0021219	LG1	hypothetical protein JCGZ_220	not DE	not DE	not DE	not DE
EVM0007117	LG1	hypothetical protein JCGZ_228	not DE	not DE	not DE	not DE
EVM0007267	LG1	hypothetical protein JCGZ_238	not DE	not DE	not DE	not DE
EVM0010384	LG1	hypothetical protein JCGZ_238	not DE	not DE	not DE	not DE
EVM0000140	LG1	hypothetical protein JCGZ_254	not DE	not DE	not DE	not DE
EVM0020493	LG1	hypothetical protein JCGZ_257	not DE	not DE	not DE	not DE
EVM0001253	LG1	hypothetical protein JCGZ_257	not DE	not DE	not DE	not DE
EVM0004984	LG1	hypothetical protein JCGZ_257	not DE	not DE	not DE	not DE
EVM0006130	LG1	hypothetical protein JCGZ_258	not DE	not DE	not DE	not DE
EVM0024661	LG1	hypothetical protein JCGZ_258	-1.92775	0.000403	not DE	not DE
EVM0004248	LG1	hypothetical protein JCGZ_263	1.85854	4.65E-07	not DE	not DE
EVM0002410	LG1	hypothetical protein JCGZ_264	not DE	not DE	not DE	not DE
EVM0003408	LG1	hypothetical protein JCGZ_264	not DE	not DE	not DE	not DE
EVM0003034	LG1	hypothetical protein JCGZ_264	not DE	not DE	not DE	not DE
EVM0017691	LG1	hypothetical protein JCGZ_268	not DE	not DE	not DE	not DE
EVM0023397	LG1	hypothetical protein JCGZ_268	not DE	not DE	not DE	not DE
EVM0001144	LG1	hypothetical protein JCGZ_268	not DE	not DE	not DE	not DE
EVM0004801	LG1	hypothetical protein JCGZ_268	not DE	not DE	not DE	not DE
EVM0018299	LG1	hypothetical protein JCGZ_269	-1.54563	0.013196	not DE	not DE
EVM0009689	LG1	hypothetical protein L484_001	not DE	not DE	not DE	not DE
EVM0005300	LG1	hypothetical protein L484_002	not DE	not DE	not DE	not DE
EVM0020560	LG1	hypothetical protein L484_002	not DE	not DE	not DE	not DE
EVM0014190	LG1	hypothetical protein L484_004	not DE	not DE	not DE	not DE
EVM0020697	LG1	hypothetical protein L484_007	not DE	not DE	not DE	not DE
EVM0003246	LG1	hypothetical protein L484_010	not DE	not DE	not DE	not DE
EVM0004962	LG1	hypothetical protein L484_015	not DE	not DE	not DE	not DE
EVM0016635	LG1	hypothetical protein L484_017	not DE	not DE	not DE	not DE
EVM0002376	LG1	hypothetical protein L484_018	not DE	not DE	not DE	not DE
EVM0019846	LG1	hypothetical protein L484_018	not DE	not DE	not DE	not DE
EVM0006721	LG1	hypothetical protein L484_022	not DE	not DE	not DE	not DE
EVM0018133	LG1	hypothetical protein L484_023	not DE	not DE	not DE	not DE
EVM0010198	LG1	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0011750	LG1	hypothetical protein MTR_4g04	not DE	not DE	not DE	not DE
EVM0021436	LG1	hypothetical protein MTR_4g10	not DE	not DE	not DE	not DE
EVM0022975	LG1	hypothetical protein MTR_4g10	not DE	not DE	not DE	not DE
EVM0009409	LG1	hypothetical protein MTR_8g46	not DE	not DE	not DE	not DE
EVM0011471	LG1	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0000465	LG1	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0010554	LG1	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0014231	LG1	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0003306	LG1	hypothetical protein PHAVU_00	3.208203	0.000554	not DE	not DE
EVM0021537	LG1	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0017400	LG1	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0023385	LG1	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0009874	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0022548	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0021818	LG1	hypothetical protein POPTR_00	-2.05526	0.000213	not DE	not DE

EVM0003934	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002960	LG1	hypothetical protein POPTR_00	not DE	not DE	-5.6886	#####
EVM0019644	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0008652	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019524	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0007489	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010079	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0012727	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0012640	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000859	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000286	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0004148	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0022655	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019548	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023398	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0001051	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0004084	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0007928	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0007645	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019002	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002949	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006046	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0014101	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023542	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023680	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0005568	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0021027	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0015561	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000764	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010768	LG1	hypothetical protein POPTR_00	-1.47717	0.036253	2.367166	#####
EVM0018077	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0016189	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000334	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010778	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010850	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0007675	LG1	hypothetical protein POPTR_00	-3.47211	0.018804	not DE	not DE
EVM0011656	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0022024	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0012614	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0024478	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0011822	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002520	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010156	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019407	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0015546	LG1	hypothetical protein POPTR_00	-2.14149	0.042897	not DE	not DE
EVM0008163	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010700	LG1	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0003689	LG1	hypothetical protein POPTR_01	not DE	not DE	not DE	not DE
EVM0017077	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0022721	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0013361	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0001325	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0010461	LG1	hypothetical protein PRUPE_pp	not DE	not DE	-1.27129	0.04531
EVM0020280	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE

EVM0000273	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0014725	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0016677	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0021567	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0012876	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0010374	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0011039	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0013996	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0017923	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0010790	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0004288	LG1	hypothetical protein PRUPE_pp	1.128484	0.000404	not DE	not DE
EVM0005835	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0001668	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0007589	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0002486	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0008219	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0001970	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0018231	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0015128	LG1	hypothetical protein PRUPE_pp	1.124466	0.047209	not DE	not DE
EVM0023457	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0009886	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0016463	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0000143	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0009234	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0018372	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0009296	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0020238	LG1	hypothetical protein PRUPE_pp	not DE	not DE	1.147495	#####
EVM0002386	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0000204	LG1	hypothetical protein PRUPE_pp	1.78836	0.001454	not DE	not DE
EVM0011694	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0021510	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0008833	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0017760	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0014731	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0023619	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0005352	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0000343	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0000720	LG1	hypothetical protein PRUPE_pp	1.459903	0.037412	not DE	not DE
EVM0021458	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0021792	LG1	hypothetical protein PRUPE_pp	not DE	not DE	2.147563	0.00361
EVM0004522	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0000753	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0019480	LG1	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0022591	LG1	hypothetical protein RCOM_023	not DE	not DE	not DE	not DE
EVM0009236	LG1	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0002922	LG1	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0019094	LG1	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0018592	LG1	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0018749	LG1	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0010718	LG1	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0005834	LG1	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0009961	LG1	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0004064	LG1	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0004500	LG1	hypothetical protein W97_0284	not DE	not DE	not DE	not DE

EVM0006439	LG1	hypothetical protein glysoja	not DE	not DE	not DE	not DE
EVM0020016	LG1	inducer of CBF expression 1	not DE	not DE	not DE	not DE
EVM0004668	LG1	iron superoxide dismutase, pa	not DE	not DE	not DE	not DE
EVM0022346	LG1	late elongated hypocotyl a	not DE	not DE	not DE	not DE
EVM0002522	LG1	late embryogenesis abundant p	not DE	not DE	not DE	not DE
EVM0024088	LG1	malate oxidoreductase family	not DE	not DE	not DE	not DE
EVM0022066	LG1	maternal effect embryo arrest	not DE	not DE	not DE	not DE
EVM0023652	LG1	maternal effect embryo arrest	not DE	not DE	not DE	not DE
EVM0006783	LG1	mitochondrial alternative oxia	not DE	not DE	not DE	not DE
EVM0011668	LG1	monooxygenase, putative	not DE	not DE	not DE	not DE
EVM0012791	LG1	nodulin 25 family protein	not DE	not DE	not DE	not DE
EVM0023774	LG1	nucleoside diphosphate kinase	not DE	not DE	not DE	not DE
EVM0018260	LG1	o-linked n-acetylglucosamine	not DE	not DE	not DE	not DE
EVM0015650	LG1	o-methyltransferase, putative	not DE	not DE	not DE	not DE
EVM0009796	LG1	pantoate-beta-alanine ligase,	not DE	not DE	not DE	not DE
EVM0002992	LG1	pectin methylesterase	not DE	not DE	not DE	not DE
EVM0003842	LG1	pectin methylesterase 5	not DE	not DE	not DE	not DE
EVM0016731	LG1	pectin methylesterase 5	not DE	not DE	not DE	not DE
EVM0021991	LG1	peptide chain release factor,	not DE	not DE	not DE	not DE
EVM0007491	LG1	peptidoglycan-binding LysM do	not DE	not DE	not DE	not DE
EVM0023416	LG1	peripheral-type benzodiazepin	2.978528	3.22E-05	not DE	not DE
EVM0004279	LG1	phosphate transporter	not DE	not DE	not DE	not DE
EVM0017558	LG1	phosphate transporter	not DE	not DE	not DE	not DE
EVM0003931	LG1	phosphate transporter 1	not DE	not DE	not DE	not DE
EVM0021809	LG1	plant/F20D21-34 protein	not DE	not DE	not DE	not DE
EVM0018371	LG1	poly(A)-binding protein 1	not DE	not DE	not DE	not DE
EVM0022918	LG1	protein binding protein, puta	not DE	not DE	not DE	not DE
EVM0006603	LG1	proton-dependent oligopeptide	not DE	not DE	not DE	not DE
EVM0000967	LG1	putative metal-nicotianamine	not DE	not DE	not DE	not DE
EVM0017642	LG1	putative polyol transporter 4	not DE	not DE	not DE	not DE
EVM0019541	LG1	pyruvate dehydrogenase, putat	not DE	not DE	not DE	not DE
EVM0004575	LG1	respiratory burst oxidase C	not DE	not DE	not DE	not DE
EVM0005811	LG1	ribosomal protein L17-like pr	not DE	not DE	not DE	not DE
EVM0023952	LG1	ribosomal protein L29	not DE	not DE	not DE	not DE
EVM0002028	LG1	ring 1	not DE	not DE	not DE	not DE
EVM0018991	LG1	ring finger protein, putative	not DE	not DE	not DE	not DE
EVM0020644	LG1	ring finger protein, putative	not DE	not DE	not DE	not DE
EVM0003550	LG1	s-receptor kinase, putative	not DE	not DE	not DE	not DE
EVM0010800	LG1	s-receptor kinase, putative	not DE	not DE	not DE	not DE
EVM0017465	LG1	s-receptor kinase, putative	not DE	not DE	not DE	not DE
EVM0006166	LG1	sec10, putative	not DE	not DE	not DE	not DE
EVM0013336	LG1	sec61 gamma subunit, putative	not DE	not DE	not DE	not DE
EVM0015158	LG1	sec61 gamma subunit, putative	not DE	not DE	not DE	not DE
EVM0020180	LG1	serine-threonine protein kina	not DE	not DE	not DE	not DE
EVM0016858	LG1	sucrose synthase	2.161451	0.000644	not DE	not DE
EVM0010629	LG1	sulfite oxidase	not DE	not DE	not DE	not DE
EVM0015699	LG1	transketolase, putative	not DE	not DE	-1.23146	0.00043
EVM0017848	LG1	transketolase, putative	-1.13047	0.036979	not DE	not DE
EVM0024375	LG1	translation initiation factor	not DE	not DE	not DE	not DE
EVM0005941	LG1	transport inhibitor response	not DE	not DE	not DE	not DE
EVM0021757	LG1	transposase	not DE	not DE	not DE	not DE
EVM0001525	LG1	ubiquitin-conjugating enzyme	not DE	not DE	not DE	not DE
EVM0014573	LG1	uncharacterized protein LOC10	not DE	not DE	not DE	not DE
EVM0015262	LG1	uncharacterized protein LOC10	not DE	not DE	not DE	not DE

EVM0017471	LG1	uncharacterized protein LOC10	not DE	not DE	not DE	not DE
EVM0001936	LG1	uncharacterized protein LOC10	not DE	not DE	not DE	not DE
EVM0000572	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0000871	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0001029	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0001045	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0001845	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0002507	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0002698	LG1	unknown protein	-6.28166	5.34E-06	not DE	not DE
EVM0002747	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0003752	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0005253	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0005470	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0005786	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0006612	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0006872	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0007074	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0007209	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0007313	LG1	unknown protein	not DE	not DE	1.638332	0.00015
EVM0007815	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0007967	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0009185	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0009768	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0010569	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0010659	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0011869	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0012097	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0012427	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0012460	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0014313	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0015091	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0016284	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0016981	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0017419	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0017681	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0019067	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0019119	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0019424	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0020696	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0020824	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0021416	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0023272	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0023797	LG1	unknown protein	not DE	not DE	not DE	not DE
EVM0000237	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0000388	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0000395	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0000562	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0001342	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0001444	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0001740	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0003227	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0004252	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0004835	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0005735	LG1	unnamed protein product	not DE	not DE	not DE	not DE

EVM0006902	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0009396	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0011334	LG1	unnamed protein product	1.705445	0.002351	not DE	not DE
EVM0011388	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0011828	LG1	unnamed protein product	-2.30687	0.039766	not DE	not DE
EVM0012972	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0013483	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0013925	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0014332	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0014691	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0014927	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0015181	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0016327	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0016470	LG1	unnamed protein product	-1.94754	3.91E-06	not DE	not DE
EVM0016522	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0016666	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0016817	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0017159	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0018126	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0018132	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0018281	LG1	unnamed protein product	not DE	not DE	1.23806	0.03454
EVM0018977	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0019422	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0019536	LG1	unnamed protein product	not DE	not DE	-1.34987	#####
EVM0019570	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0019574	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0020855	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0020858	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0021167	LG1	unnamed protein product	-1.17931	0.021841	not DE	not DE
EVM0022054	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0022397	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0023078	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0023787	LG1	unnamed protein product	not DE	not DE	not DE	not DE
EVM0024099	LG1	unnamed protein product	1.40146	0.037705	not DE	not DE
EVM0024184	LG1	unnamed protein product	3.629074	3.76E-08	1.278577	0.02163
EVM0001021	LG1	zinc finger family protein	not DE	not DE	not DE	not DE
EVM0022376	LG1	zinc finger family protein	not DE	not DE	not DE	not DE
EVM0019058	LG1	zinc finger protein, putative	not DE	not DE	not DE	not DE
EVM0007068	LG10	(+)-neomenthol dehydrogenase	not DE	not DE	not DE	not DE
EVM0012922	LG10	(+)-neomenthol dehydrogenase	not DE	not DE	not DE	not DE
EVM0004710	LG10	1-aminocyclopropane-1-carbox	not DE	not DE	not DE	not DE
EVM0020891	LG10	40S ribosomal protein S24-2	not DE	not DE	not DE	not DE
EVM0021264	LG10	40S ribosomal protein S6-like	not DE	not DE	not DE	not DE
EVM0022629	LG10	54S ribosomal protein L12, m	not DE	not DE	not DE	not DE
EVM0000987	LG10	60S acidic ribosomal protein	not DE	not DE	not DE	not DE
EVM0004382	LG10	60S ribosomal protein L30-li	not DE	not DE	not DE	not DE
EVM0011483	LG10	8-hydroxygeraniol dehydrogen	1.978908	0.02337	not DE	not DE
EVM0001882	LG10	ADP-ribosylation factor-like	not DE	not DE	not DE	not DE
EVM0021692	LG10	AP2-like ethylene-responsive	not DE	not DE	not DE	not DE
EVM0002413	LG10	AP2-like ethylene-responsive	not DE	not DE	not DE	not DE
EVM0006542	LG10	ATP-dependent DNA helicase C	not DE	not DE	not DE	not DE
EVM0014662	LG10	BEL1-like homeodomain protei	not DE	not DE	not DE	not DE
EVM0007648	LG10	BTB/POZ domain-containing pr	-1.1482	0.046199	not DE	not DE
EVM0013015	LG10	BTB/POZ domain-containing pr	not DE	not DE	not DE	not DE



EVM0015981	LG10	BTB/POZ domain-containing pr	not DE	not DE	not DE	not DE
EVM0017346	LG10	BTB/POZ domain-containing pr	not DE	not DE	not DE	not DE
EVM0003205	LG10	CBS domain-containing protei	not DE	not DE	not DE	not DE
EVM0008744	LG10	CBS domain-containing protei	not DE	not DE	not DE	not DE
EVM0020098	LG10	CCR4-NOT transcription compl	not DE	not DE	not DE	not DE
EVM0019243	LG10	CDK5RAP1-like protein-like i	not DE	not DE	not DE	not DE
EVM0011362	LG10	CLK4-associating serine/argi	not DE	not DE	not DE	not DE
EVM0018917	LG10	DDT domain-containing protei	not DE	not DE	not DE	not DE
EVM0011837	LG10	DNA excision repair protein	not DE	not DE	not DE	not DE
EVM0002792	LG10	DNA polymerase alpha catalyt	not DE	not DE	not DE	not DE
EVM0006685	LG10	DNA polymerase delta catalyt	not DE	not DE	not DE	not DE
EVM0002124	LG10	DNA topoisomerase 3-alpha-li	not DE	not DE	not DE	not DE
EVM0014553	LG10	DNA topoisomerase 3-alpha-li	not DE	not DE	not DE	not DE
EVM0013350	LG10	DNA-(apurinic or apyrimidini	not DE	not DE	not DE	not DE
EVM0006441	LG10	DNA-directed RNA polymerase	not DE	not DE	not DE	not DE
EVM0006367	LG10	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0007513	LG10	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0006129	LG10	E3 ubiquitin-protein ligase	not DE	not DE	1.087773	0.00742
EVM0011100	LG10	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0004130	LG10	EPIDERMAL PATTERNING FACTOR-	not DE	not DE	not DE	not DE
EVM0015512	LG10	F-box protein At4g35930-like	not DE	not DE	not DE	not DE
EVM0021829	LG10	F-box protein SKIP2-like	not DE	not DE	not DE	not DE
EVM0009578	LG10	F-box-like/WD repeat-contain	not DE	not DE	not DE	not DE
EVM0006956	LG10	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0013213	LG10	G2/mitotic-specific cyclin-l	not DE	not DE	2.985877	0.006
EVM0023474	LG10	GATA transcription factor 5-	not DE	not DE	not DE	not DE
EVM0006269	LG10	GPI ethanolamine phosphate t	not DE	not DE	not DE	not DE
EVM0002131	LG10	GTP-binding protein At3g4972	not DE	not DE	not DE	not DE
EVM0020218	LG10	L-ascorbate oxidase homolog	not DE	not DE	not DE	not DE
EVM0008233	LG10	L-ascorbate oxidase-like	not DE	not DE	not DE	not DE
EVM0002504	LG10	L-type lectin-domain contain	not DE	not DE	not DE	not DE
EVM0004701	LG10	L-type lectin-domain contain	not DE	not DE	not DE	not DE
EVM0014046	LG10	L-type lectin-domain contain	not DE	not DE	not DE	not DE
EVM0018040	LG10	LMBR1 domain-containing prot	not DE	not DE	not DE	not DE
EVM0011879	LG10	LOB domain-containing protei	-2.42446	0.000351	not DE	not DE
EVM0009536	LG10	LOW QUALITY PROTEIN: callose	not DE	not DE	not DE	not DE
EVM0020152	LG10	LOW QUALITY PROTEIN: cytochr	not DE	not DE	not DE	not DE
EVM0004062	LG10	LOW QUALITY PROTEIN: putativ	not DE	not DE	not DE	not DE
EVM0005485	LG10	LOW QUALITY PROTEIN: ras-rel	not DE	not DE	1.262735	0.00763
EVM0006593	LG10	LOW QUALITY PROTEIN: unchara	not DE	not DE	not DE	not DE
EVM0010543	LG10	LRR receptor-like serine/thr	not DE	not DE	not DE	not DE
EVM0007510	LG10	MADS-box transcription facto	not DE	not DE	not DE	not DE
EVM0006235	LG10	MADS-box transcription facto	not DE	not DE	not DE	not DE
EVM0007403	LG10	MIP18 family protein Atlg683	not DE	not DE	not DE	not DE
EVM0019757	LG10	MIP18 family protein Atlg683	not DE	not DE	not DE	not DE
EVM0000956	LG10	MLO-like protein 4-like	not DE	not DE	not DE	not DE
EVM0001346	LG10	NADH dehydrogenase	not DE	not DE	not DE	not DE
EVM0008451	LG10	NADPH-dependent 1-acyldihydr	not DE	not DE	not DE	not DE
EVM0012280	LG10	NADPH-dependent 1-acyldihydr	-1.58188	0.024914	not DE	not DE
EVM0015057	LG10	NEDD8-conjugating enzyme Ubc	not DE	not DE	not DE	not DE
EVM0016741	LG10	NEP1-interacting protein 1-l	not DE	not DE	not DE	not DE
EVM0001962	LG10	OTU domain-containing protei	not DE	not DE	not DE	not DE
EVM0021511	LG10	PHD finger protein Atlg33420	1.006997	0.000707	not DE	not DE
EVM0004285	LG10	RING-H2 finger protein ATL52	not DE	not DE	not DE	not DE

EVM0004755	LG10	RING-H2 finger protein ATL8-	not DE	not DE	not DE	not DE
EVM0006680	LG10	RNA polymerase I-specific tr	not DE	not DE	not DE	not DE
EVM0012201	LG10	RPM1-interacting protein 4-l	not DE	not DE	not DE	not DE
EVM0002455	LG10	S-adenosylmethionine carrier	not DE	not DE	not DE	not DE
EVM0010045	LG10	SAL1 phosphatase-like	not DE	not DE	not DE	not DE
EVM0023969	LG10	SAL1 phosphatase-like	not DE	not DE	not DE	not DE
EVM0017151	LG10	SKP1-like protein 1B	not DE	not DE	not DE	not DE
EVM0017688	LG10	SRSF protein kinase 1-like	not DE	not DE	not DE	not DE
EVM0000745	LG10	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0005288	LG10	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0003709	LG10	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0019800	LG10	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0016343	LG10	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0024318	LG10	U1 small nuclear ribonucleop	not DE	not DE	not DE	not DE
EVM0007948	LG10	UDP-galactose transporter 2-	-1.66678	0.023865	not DE	not DE
EVM0003544	LG10	UDP-galactose transporter 2-	not DE	not DE	not DE	not DE
EVM0013919	LG10	UDP-glycosyltransferase 85A3	2.649425	9.91E-06	not DE	not DE
EVM0002417	LG10	UDP-glycosyltransferase 87A1	not DE	not DE	not DE	not DE
EVM0004781	LG10	UDP-glycosyltransferase 87A1	not DE	not DE	not DE	not DE
EVM0006053	LG10	UDP-glycosyltransferase 87A1	not DE	not DE	not DE	not DE
EVM0016842	LG10	UDP-glycosyltransferase 87A1	not DE	not DE	not DE	not DE
EVM0013044	LG10	UPF0183 protein At3g51130 is	not DE	not DE	not DE	not DE
EVM0017138	LG10	UPF0235 protein C15orf40	not DE	not DE	not DE	not DE
EVM0003634	LG10	UPF0483 protein AGAP003155	not DE	not DE	not DE	not DE
EVM0011979	LG10	UPF0483 protein AGAP003155	not DE	not DE	not DE	not DE
EVM0013240	LG10	UPF0483 protein AGAP003155	not DE	not DE	not DE	not DE
EVM0011449	LG10	UPF0553 protein-like	-1.52088	0.001528	not DE	not DE
EVM0008782	LG10	WD repeat domain-containing	not DE	not DE	not DE	not DE
EVM0005494	LG10	acyl-coenzyme A thioesterase	not DE	not DE	not DE	not DE
EVM0013983	LG10	adipocyte plasma membrane-as	1.962235	0.009173	not DE	not DE
EVM0018283	LG10	adiponectin receptor protein	not DE	not DE	not DE	not DE
EVM0009826	LG10	aldehyde dehydrogenase famil	not DE	not DE	not DE	not DE
EVM0004250	LG10	amino acid permease 2-like	-3.4775	0.006494	not DE	not DE
EVM0006568	LG10	ammonium transporter 3 membe	not DE	not DE	not DE	not DE
EVM0006501	LG10	ammonium transporter 3 membe	not DE	not DE	not DE	not DE
EVM0015428	LG10	annexin D2-like	not DE	not DE	not DE	not DE
EVM0012933	LG10	aspartic proteinase-like pro	not DE	not DE	not DE	not DE
EVM0010101	LG10	aspartic proteinase-like pro	not DE	not DE	not DE	not DE
EVM0009830	LG10	aspartic proteinase-like pro	not DE	not DE	not DE	not DE
EVM0007779	LG10	auxin-induced protein X10A-l	not DE	not DE	not DE	not DE
EVM0009321	LG10	auxin-responsive protein IAA	not DE	not DE	1.003747	0.00073
EVM0003563	LG10	bifunctional epoxide hydrola	not DE	not DE	not DE	not DE
EVM0019959	LG10	bifunctional riboflavin bios	not DE	not DE	not DE	not DE
EVM0015935	LG10	branched-chain-amino-acid am	not DE	not DE	not DE	not DE
EVM0000480	LG10	casein kinase II subunit alp	not DE	not DE	not DE	not DE
EVM0012278	LG10	cellulose synthase A catalyt	not DE	not DE	not DE	not DE
EVM0022225	LG10	cellulose synthase A catalyt	not DE	not DE	not DE	not DE
EVM0013878	LG10	chaperone protein dnaJ 20, c	not DE	not DE	not DE	not DE
EVM0003615	LG10	chitinase 2-like	not DE	not DE	not DE	not DE
EVM0008724	LG10	chloride channel protein CLC	not DE	not DE	not DE	not DE
EVM0001230	LG10	cinnamyl alcohol dehydrogena	not DE	not DE	not DE	not DE
EVM0023124	LG10	classical arabinogalactan pr	not DE	not DE	not DE	not DE
EVM0004178	LG10	cleft lip and palate transme	1.842685	3.78E-10	not DE	not DE
EVM0021389	LG10	cyclin-D3-2-like	not DE	not DE	not DE	not DE

EVM0021114	LG10	cyclin-D5-1-like	not DE	not DE	not DE	not DE
EVM0024100	LG10	cysteine desulfurase 1, mito	not DE	not DE	not DE	not DE
EVM0004992	LG10	cysteine desulfurase 2, chlo	not DE	not DE	not DE	not DE
EVM0017602	LG10	cysteine desulfurase 2, chlo	not DE	not DE	not DE	not DE
EVM0019456	LG10	cysteine proteinase RD21a-li	not DE	not DE	not DE	not DE
EVM0017087	LG10	cysteine-rich and transmembr	not DE	not DE	1.018943	0.00391
EVM0022788	LG10	cytochrome P450 86B1	not DE	not DE	not DE	not DE
EVM0000344	LG10	cytochrome P450 90B1-like is	not DE	not DE	not DE	not DE
EVM0013205	LG10	cytochrome P450 CYP736A12-li	not DE	not DE	not DE	not DE
EVM0022769	LG10	dimethyladenosine transferas	not DE	not DE	not DE	not DE
EVM0000255	LG10	embryonic protein DC-8 isofo	not DE	not DE	not DE	not DE
EVM0015396	LG10	ethylene-responsive transcri	not DE	not DE	-1.47266	0.03794
EVM0022696	LG10	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0024122	LG10	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0018134	LG10	eukaryotic translation initi	not DE	not DE	not DE	not DE
EVM0010687	LG10	exosome complex exonuclease	not DE	not DE	not DE	not DE
EVM0021507	LG10	extra-large guanine nucleoti	not DE	not DE	not DE	not DE
EVM0002673	LG10	extradiol ring-cleavage diox	not DE	not DE	not DE	not DE
EVM0002243	LG10	fasciclin-like arabinogalact	not DE	not DE	not DE	not DE
EVM0002684	LG10	ferrochelataase-2, chloroplas	not DE	not DE	not DE	not DE
EVM0009249	LG10	filament-like plant protein	not DE	not DE	not DE	not DE
EVM0017952	LG10	formin-like protein 6-like	not DE	not DE	not DE	not DE
EVM0016976	LG10	fructose-bisphosphate aldola	not DE	not DE	not DE	not DE
EVM0009227	LG10	ganglioside-induced differen	not DE	not DE	not DE	not DE
EVM0008174	LG10	geminivirus Rep-interacting	not DE	not DE	not DE	not DE
EVM0024205	LG10	glucan 1,3-beta-glucosidase	not DE	not DE	not DE	not DE
EVM0020304	LG10	glucan 1,3-beta-glucosidase	not DE	not DE	not DE	not DE
EVM0007761	LG10	glutamate receptor 3.6-like	not DE	not DE	not DE	not DE
EVM0015576	LG10	growth-regulating factor 1-l	not DE	not DE	not DE	not DE
EVM0008366	LG10	heat shock 70 kDa protein 6,	not DE	not DE	-1.18236	0.00378
EVM0023653	LG10	heavy metal-associated isopr	not DE	not DE	not DE	not DE
EVM0003275	LG10	heterogeneous nuclear ribonu	not DE	not DE	not DE	not DE
EVM0005909	LG10	histone H3.v1-like	not DE	not DE	not DE	not DE
EVM0009398	LG10	histone H3.v1-like	not DE	not DE	not DE	not DE
EVM0014155	LG10	histone-lysine N-methyltrans	not DE	not DE	not DE	not DE
EVM0004011	LG10	homeobox-leucine zipper prot	not DE	not DE	not DE	not DE
EVM0021197	LG10	isocitrate dehydrogenase	not DE	not DE	not DE	not DE
EVM0005394	LG10	isoflavone 2'&-hydroxyla	not DE	not DE	not DE	not DE
EVM0009825	LG10	isoflavone 2'&-hydroxyla	not DE	not DE	not DE	not DE
EVM0010488	LG10	isoflavone 2'&-hydroxyla	not DE	not DE	not DE	not DE
EVM0014837	LG10	isoflavone 2'&-hydroxyla	not DE	not DE	not DE	not DE
EVM0017192	LG10	kinesin-like calmodulin-bind	not DE	not DE	not DE	not DE
EVM0004204	LG10	kinesin-like protein KIF19-l	not DE	not DE	not DE	not DE
EVM0017566	LG10	kinesin-like protein KIF19-l	not DE	not DE	not DE	not DE
EVM0005274	LG10	kinesin-like protein KIF3A-l	not DE	not DE	2.506864	0.00891
EVM0001771	LG10	lanC-like protein GCL1-like	not DE	not DE	not DE	not DE
EVM0024541	LG10	low affinity sulfate transpo	not DE	not DE	not DE	not DE
EVM0018699	LG10	lysosomal Pro-X carboxypepti	not DE	not DE	not DE	not DE
EVM0002470	LG10	lysosomal alpha-mannosidase-	not DE	not DE	not DE	not DE
EVM0008545	LG10	magnesium-dependent phosphat	not DE	not DE	not DE	not DE
EVM0016129	LG10	mechanosensitive ion channel	not DE	not DE	not DE	not DE
EVM0011986	LG10	methionine aminopeptidase 1D	not DE	not DE	not DE	not DE
EVM0023401	LG10	methylmalonate-semialdehyde	not DE	not DE	not DE	not DE
EVM0003368	LG10	mitochondrial Rho GTPase 1	not DE	not DE	not DE	not DE

EVM0008789	LG10	mitochondrial Rho GTPase 1	not DE	not DE	not DE	not DE
EVM0018875	LG10	mitochondrial phosphate carn	not DE	not DE	not DE	not DE
EVM0019226	LG10	mitochondrial phosphate carn	not DE	not DE	not DE	not DE
EVM0002221	LG10	mitochondrial translation op	not DE	not DE	not DE	not DE
EVM0024197	LG10	mitogen-activated protein ki	-2.00459	0.01273	not DE	not DE
EVM0024539	LG10	mitogen-activated protein ki	not DE	not DE	not DE	not DE
EVM0003921	LG10	mortality factor 4-like prot	not DE	not DE	not DE	not DE
EVM0003824	LG10	neutral alpha-glucosidase AB	not DE	not DE	not DE	not DE
EVM0000305	LG10	nicotinate phosphoribosyltra	not DE	not DE	not DE	not DE
EVM0023695	LG10	nodulation receptor kinase-l	not DE	not DE	not DE	not DE
EVM0008847	LG10	non-structural maintenance c	not DE	not DE	not DE	not DE
EVM0022409	LG10	non-structural maintenance c	not DE	not DE	not DE	not DE
EVM0006613	LG10	nuclear transcription factor	not DE	not DE	not DE	not DE
EVM0015418	LG10	nucleolin-like	not DE	not DE	not DE	not DE
EVM0017542	LG10	ocs element-binding factor l	not DE	not DE	not DE	not DE
EVM0015054	LG10	pentafunctional AROM polypep	not DE	not DE	not DE	not DE
EVM0000688	LG10	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0011647	LG10	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0006392	LG10	pentatricopeptide repeat-con	1.243687	0.021418	not DE	not DE
EVM0001837	LG10	pentatricopeptide repeat-con	1.459152	0.011492	not DE	not DE
EVM0020306	LG10	pentatricopeptide repeat-con	2.201049	0.010761	not DE	not DE
EVM0012282	LG10	pentatricopeptide repeat-con	1.303307	0.03222	not DE	not DE
EVM0003135	LG10	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0019547	LG10	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0004502	LG10	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0012371	LG10	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0000271	LG10	pentatricopeptide repeat-con	2.147417	0.011753	not DE	not DE
EVM0016427	LG10	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0020925	LG10	peptidyl-prolyl cis-trans is	not DE	not DE	not DE	not DE
EVM0012618	LG10	peptidyl-prolyl cis-trans is	not DE	not DE	not DE	not DE
EVM0002414	LG10	periaxin-like	not DE	not DE	not DE	not DE
EVM0000187	LG10	peroxidase 10-like	not DE	not DE	not DE	not DE
EVM0007974	LG10	phosducin-like protein 3-lik	not DE	not DE	not DE	not DE
EVM0005375	LG10	phosphatidylinositol 3,4,5-t	not DE	not DE	not DE	not DE
EVM0009662	LG10	phosphatidylinositol/phospha	not DE	not DE	not DE	not DE
EVM0012160	LG10	phosphoenolpyruvate carboxyk	not DE	not DE	not DE	not DE
EVM0024288	LG10	phosphoenolpyruvate carboxyk	not DE	not DE	not DE	not DE
EVM0012920	LG10	phosphoinositide phosphatase	-1.04618	0.00018	not DE	not DE
EVM0019150	LG10	phosphoserine aminotransfera	not DE	not DE	not DE	not DE
EVM0007900	LG10	phytosulfokines 3	2.446394	0.001996	not DE	not DE
EVM0016106	LG10	plant intracellular Ras-grou	not DE	not DE	not DE	not DE
EVM0013555	LG10	polyadenylate-binding protei	not DE	not DE	not DE	not DE
EVM0018523	LG10	probable ATP synthase 24 kDa	not DE	not DE	not DE	not DE
EVM0009934	LG10	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0013190	LG10	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0017842	LG10	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0007134	LG10	probable WRKY transcription	not DE	not DE	not DE	not DE
EVM0015892	LG10	probable WRKY transcription	not DE	not DE	not DE	not DE
EVM0019692	LG10	probable amino-acid acetyltr	not DE	not DE	not DE	not DE
EVM0001478	LG10	probable beta-1,4-xylosyltra	not DE	not DE	not DE	not DE
EVM0013374	LG10	probable calcium-binding pro	not DE	not DE	not DE	not DE
EVM0004341	LG10	probable disease resistance	not DE	not DE	not DE	not DE
EVM0016479	LG10	probable hexokinase-like 2 p	not DE	not DE	not DE	not DE
EVM0007037	LG10	probable inactive receptor k	not DE	not DE	not DE	not DE

EVM0008352	LG10	probable iron/ascorbate oxid	not DE	not DE	not DE	not DE
EVM0020766	LG10	probable iron/ascorbate oxid	not DE	not DE	not DE	not DE
EVM0001281	LG10	probable mannitol dehydrogen	not DE	not DE	not DE	not DE
EVM0010935	LG10	probable mannitol dehydrogen	not DE	not DE	not DE	not DE
EVM0016384	LG10	probable mannitol dehydrogen	not DE	not DE	not DE	not DE
EVM0019374	LG10	probable prolyl 4-hydroxylas	not DE	not DE	not DE	not DE
EVM0000691	LG10	probable protein phosphatase	not DE	not DE	not DE	not DE
EVM0020606	LG10	probable serine/threonine-pr	not DE	not DE	not DE	not DE
EVM0007493	LG10	probable serine/threonine-pr	not DE	not DE	not DE	not DE
EVM0001775	LG10	probable serine/threonine-pr	not DE	not DE	not DE	not DE
EVM0015884	LG10	probable serine/threonine-pr	not DE	not DE	not DE	not DE
EVM0014348	LG10	probable sphingolipid transp	not DE	not DE	not DE	not DE
EVM0016131	LG10	probable strigolactone ester	not DE	not DE	not DE	not DE
EVM0017263	LG10	proline-rich receptor-like p	not DE	not DE	not DE	not DE
EVM0001364	LG10	proteasome subunit alpha typ	not DE	not DE	not DE	not DE
EVM0007050	LG10	protein DCL, chloroplastic	-2.19465	0.000409	not DE	not DE
EVM0015966	LG10	protein DYAD-like isoform X3	not DE	not DE	not DE	not DE
EVM0010280	LG10	protein FD-like	not DE	not DE	not DE	not DE
EVM0006245	LG10	protein LYK5-like	not DE	not DE	not DE	not DE
EVM0011921	LG10	protein MID1-COMPLEMENTING A	not DE	not DE	not DE	not DE
EVM0015707	LG10	protein PHLOEM PROTEIN 2-LIK	1.072518	0.026211	not DE	not DE
EVM0007279	LG10	protein RADIALIS-like 3 isof	not DE	not DE	not DE	not DE
EVM0006465	LG10	protein RALF-like 34	-3.84282	0.002418	not DE	not DE
EVM0020916	LG10	protein Rf1, mitochondrial-l	not DE	not DE	not DE	not DE
EVM0008029	LG10	protein S-acyltransferase 10	not DE	not DE	not DE	not DE
EVM0002967	LG10	protein SCAI-like	not DE	not DE	not DE	not DE
EVM0004469	LG10	protein SGT1 homolog At5g654	not DE	not DE	-1.37017	0.00026
EVM0006915	LG10	protein SHORT-ROOT isoform X	not DE	not DE	not DE	not DE
EVM0007195	LG10	protein transport protein Se	not DE	not DE	not DE	not DE
EVM0009242	LG10	protein trichome birefringen	-3.04911	0.013632	not DE	not DE
EVM0007337	LG10	proton-coupled amino acid tr	1.862493	0.006757	not DE	not DE
EVM0004855	LG10	putative F-box/LRR-repeat pr	not DE	not DE	not DE	not DE
EVM0023428	LG10	putative disease resistance	not DE	not DE	not DE	not DE
EVM0023343	LG10	putative formamidase C869.04	not DE	not DE	not DE	not DE
EVM0016625	LG10	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0015135	LG10	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0002476	LG10	putative pre-mRNA-splicing f	not DE	not DE	not DE	not DE
EVM0014107	LG10	putative pre-mRNA-splicing f	not DE	not DE	not DE	not DE
EVM0010082	LG10	putative uncharacterized pro	not DE	not DE	-1.57429	0.0013
EVM0012399	LG10	rab proteins geranylgeranyl	not DE	not DE	not DE	not DE
EVM0017970	LG10	red chlorophyll catabolite r	not DE	not DE	not DE	not DE
EVM0011705	LG10	ribonucleoside-diphosphate r	not DE	not DE	not DE	not DE
EVM0005385	LG10	salicylate carboxymethyltran	-1.17776	0.0489	not DE	not DE
EVM0013606	LG10	salicylate carboxymethyltran	not DE	not DE	not DE	not DE
EVM0022426	LG10	serine/threonine-protein kin	-1.44816	8.55E-06	not DE	not DE
EVM0018559	LG10	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0002338	LG10	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0024028	LG10	sodium channel and clathrin	not DE	not DE	not DE	not DE
EVM0005103	LG10	splicing factor U2af large s	not DE	not DE	not DE	not DE
EVM0000026	LG10	tRNA (cytosine(34)-C(5))-met	not DE	not DE	not DE	not DE
EVM0006362	LG10	tetratricopeptide repeat pro	not DE	not DE	not DE	not DE
EVM0015491	LG10	thaumatin-like protein 1-lik	not DE	not DE	not DE	not DE
EVM0023977	LG10	thaumatin-like protein 1b	not DE	not DE	not DE	not DE
EVM0000327	LG10	thimet oligopeptidase-like	not DE	not DE	not DE	not DE

EVM0014564	LG10	thioredoxin-like protein AAE	not DE	not DE	not DE	not DE
EVM0003875	LG10	transcription factor DIVARIC	not DE	not DE	not DE	not DE
EVM0016530	LG10	transcription factor DIVARIC	not DE	not DE	not DE	not DE
EVM0017928	LG10	transcription factor DIVARIC	not DE	not DE	not DE	not DE
EVM0018340	LG10	transcription factor MYB114-	not DE	not DE	not DE	not DE
EVM0021720	LG10	transcription factor bHLH121	not DE	not DE	not DE	not DE
EVM0004643	LG10	transcription factor bHLH25-	not DE	not DE	not DE	not DE
EVM0024512	LG10	transcription factor bHLH25-	not DE	not DE	not DE	not DE
EVM0013348	LG10	translation factor GUF1 homo	not DE	not DE	not DE	not DE
EVM0001945	LG10	transmembrane and coiled-coi	not DE	not DE	not DE	not DE
EVM0020528	LG10	transmembrane protein 53-lik	not DE	not DE	not DE	not DE
EVM0022343	LG10	type I inositol 1,4,5-trisph	not DE	not DE	not DE	not DE
EVM0003367	LG10	ubiquitin carboxyl-terminal	not DE	not DE	not DE	not DE
EVM0017133	LG10	ubiquitin carboxyl-terminal	not DE	not DE	not DE	not DE
EVM0000725	LG10	uncharacterized acetyltransf	not DE	not DE	not DE	not DE
EVM0000867	LG10	uncharacterized bola-like pr	not DE	not DE	2.291765	0.00033
EVM0002347	LG10	uncharacterized protein At1g	not DE	not DE	not DE	not DE
EVM0021386	LG10	uncharacterized protein At1g	not DE	not DE	not DE	not DE
EVM0021974	LG10	uncharacterized protein At2g	not DE	not DE	not DE	not DE
EVM0002701	LG10	uncharacterized protein At4g	not DE	not DE	not DE	not DE
EVM0020128	LG10	uncharacterized protein At4g	not DE	not DE	not DE	not DE
EVM0005667	LG10	uncharacterized protein At4g	not DE	not DE	not DE	not DE
EVM0007430	LG10	uncharacterized protein At5g	not DE	not DE	not DE	not DE
EVM0023353	LG10	uncharacterized protein At5g	not DE	not DE	not DE	not DE
EVM0004292	LG10	uncharacterized protein DDB_	not DE	not DE	not DE	not DE
EVM0016820	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021772	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014712	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005983	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018793	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010535	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010709	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024235	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007898	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008968	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012733	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005988	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006881	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013313	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010299	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023378	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005544	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000931	LG10	uncharacterized protein LOC1	-1.28506	0.048461	not DE	not DE
EVM0020192	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000092	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016594	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011329	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010471	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001147	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012616	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017028	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018446	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006158	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011602	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE

EVM0001926	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012005	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000364	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023161	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022600	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020945	LG10	uncharacterized protein LOC1	not DE	not DE	-1.22201	#####
EVM0003441	LG10	uncharacterized protein LOC1	2.961922	8.30E-09	not DE	not DE
EVM0008154	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006678	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015257	LG10	uncharacterized protein LOC1	1.078012	0.006421	not DE	not DE
EVM0010109	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021084	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021606	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009793	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007278	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016897	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008113	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003076	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006455	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004788	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012749	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013865	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023377	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013757	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009814	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010889	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000535	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002537	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022051	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008584	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008765	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018606	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015496	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024146	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018205	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001495	LG10	uncharacterized protein LOC1	1.404468	0.001258	1.157779	0.0136
EVM0016920	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005214	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021352	LG10	uncharacterized protein LOC1	not DE	not DE	1.460375	0.00447
EVM0000398	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023987	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009122	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005570	LG10	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015953	LG10	uncharacterized protein ycf3	not DE	not DE	not DE	not DE
EVM0012120	LG10	uncharacterized serine-rich	not DE	not DE	not DE	not DE
EVM0014925	LG10	uncharacterized transporter	not DE	not DE	not DE	not DE
EVM0002968	LG10	very-long-chain (3R)-3-hydro	not DE	not DE	not DE	not DE
EVM0014368	LG10	vesicle transport protein GC	not DE	not DE	not DE	not DE
EVM0011768	LG10	zeaxanthin epoxidase, chloro	not DE	not DE	not DE	not DE
EVM0018147	LG10	zeaxanthin epoxidase, chloro	not DE	not DE	not DE	not DE
EVM0018817	LG10	zeaxanthin epoxidase, chloro	not DE	not DE	not DE	not DE
EVM0022682	LG10	zeaxanthin epoxidase, chloro	not DE	not DE	not DE	not DE
EVM0021048	LG10	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0013498	LG10	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE

EVM0007827	LG10	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0008137	LG10	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0006187	LG10	zinc finger protein 1-like	not DE	not DE	not DE	not DE
EVM0008511	LG10	3'-N-debenzoyl-2'-deoxy-	not DE	not DE	not DE	not DE
EVM0021122	LG10	3-hydroxy-3-methylglutaryl-co	1.503872	0.03176	not DE	not DE
EVM0013941	LG10	50S ribosomal protein L33, pa	not DE	not DE	not DE	not DE
EVM0009702	LG10	ADP-ribosylation factor famil	-1.06525	0.01649	not DE	not DE
EVM0014815	LG10	AMP-dependent synthetase and	1.386884	0.012714	not DE	not DE
EVM0022057	LG10	ATP binding protein, putative	not DE	not DE	not DE	not DE
EVM0000043	LG10	ATP-dependent DNA helicase DD	not DE	not DE	not DE	not DE
EVM0004731	LG10	Aldehyde dehydrogenase	-2.34978	7.83E-06	not DE	not DE
EVM0021119	LG10	Alpha/beta-Hydrolases superfam	not DE	not DE	not DE	not DE
EVM0003676	LG10	Ankyrin repeat family protein	not DE	not DE	not DE	not DE
EVM0021368	LG10	Ankyrin repeat family protein	not DE	not DE	not DE	not DE
EVM0008675	LG10	Ankyrin repeat protein	not DE	not DE	not DE	not DE
EVM0023114	LG10	Aspartic proteinase nepenthes	not DE	not DE	not DE	not DE
EVM0000808	LG10	BZIP transcription factor fam	not DE	not DE	not DE	not DE
EVM0020742	LG10	Basic helix-loop-helix DNA-bi	not DE	not DE	not DE	not DE
EVM0004173	LG10	Basic helix-loop-helix DNA-bi	not DE	not DE	not DE	not DE
EVM0007348	LG10	Basic helix-loop-helix DNA-bi	not DE	not DE	not DE	not DE
EVM0011965	LG10	Basic helix-loop-helix DNA-bi	not DE	not DE	not DE	not DE
EVM0012804	LG10	Basic helix-loop-helix DNA-bi	not DE	not DE	not DE	not DE
EVM0001948	LG10	Basic helix-loop-helix DNA-bi	not DE	not DE	not DE	not DE
EVM0012323	LG10	Basic helix-loop-helix DNA-bi	not DE	not DE	not DE	not DE
EVM0005028	LG10	Basic leucine-zipper 5, putat	2.611769	0.012428	not DE	not DE
EVM0021212	LG10	Beta-galactosidase 3	not DE	not DE	not DE	not DE
EVM0017689	LG10	BnaC09g40680D	not DE	not DE	not DE	not DE
EVM0013629	LG10	CBS domain-containing protein	not DE	not DE	not DE	not DE
EVM0005234	LG10	Calcium-binding EF-hand famil	not DE	not DE	not DE	not DE
EVM0010253	LG10	Calcium-binding EF-hand famil	7.868922	0.035195	not DE	not DE
EVM0009553	LG10	Calcium-dependent protein kin	not DE	not DE	not DE	not DE
EVM0020291	LG10	Carbamoyl-phosphate synthase	not DE	not DE	not DE	not DE
EVM0011498	LG10	Cell wall / vacuolar inhibitor	not DE	not DE	not DE	not DE
EVM0004041	LG10	Centrin2 isoform 1	not DE	not DE	not DE	not DE
EVM0011953	LG10	Concanavalin A-like lectin pr	not DE	not DE	not DE	not DE
EVM0015419	LG10	Cytochrome P450 71A1	not DE	not DE	not DE	not DE
EVM0018362	LG10	Cytochrome P450 superfamily p	not DE	not DE	not DE	not DE
EVM0016308	LG10	Cytochrome P450, family 722,	not DE	not DE	not DE	not DE
EVM0017715	LG10	Cytochrome P450, family 78, s	not DE	not DE	not DE	not DE
EVM0003675	LG10	Cytochrome P450, putative	not DE	not DE	not DE	not DE
EVM0021007	LG10	Cytochrome P450, putative	not DE	not DE	not DE	not DE
EVM0023148	LG10	Cytochrome c oxidase subunit	not DE	not DE	not DE	not DE
EVM0014162	LG10	DISPROPORTIONATING ENZYME fam	not DE	not DE	not DE	not DE
EVM0000704	LG10	DNA binding protein, putative	not DE	not DE	not DE	not DE
EVM0007286	LG10	DNA/RNA polymerases superfami	not DE	not DE	not DE	not DE
EVM0019000	LG10	DNA/RNA polymerases superfami	not DE	not DE	not DE	not DE
EVM0012587	LG10	Dof-type zinc finger DNA-bind	not DE	not DE	not DE	not DE
EVM0014616	LG10	Dolichyl-diphosphooligosaccha	not DE	not DE	not DE	not DE
EVM0023365	LG10	Domain of Uncharacterized pro	not DE	not DE	not DE	not DE
EVM0004230	LG10	EF hand calcium-binding prote	not DE	not DE	not DE	not DE
EVM0017242	LG10	EF hand calcium-binding prote	not DE	not DE	not DE	not DE
EVM0009948	LG10	Encodes a root meristem growt	not DE	not DE	not DE	not DE
EVM0023011	LG10	Encodes a root meristem growt	not DE	not DE	not DE	not DE
EVM0024258	LG10	Ethylene-responsive transcrip	not DE	not DE	not DE	not DE



EVM0017025	LG10	Eukaryotic aspartyl protease	not DE	not DE	not DE	not DE
EVM0011171	LG10	FAD/NAD(P)-binding oxidoreduc	not DE	not DE	not DE	not DE
EVM0020108	LG10	FRIGIDA3a-2	not DE	not DE	not DE	not DE
EVM0001002	LG10	Farnesylated protein 6	not DE	not DE	not DE	not DE
EVM0018026	LG10	Folic acid and derivative bic	not DE	not DE	not DE	not DE
EVM0024428	LG10	Folic acid and derivative bic	not DE	not DE	not DE	not DE
EVM0020573	LG10	GDP-mannose transporter, puta	not DE	not DE	not DE	not DE
EVM0022838	LG10	GH3	6.427388	0.000472	not DE	not DE
EVM0015501	LG10	GTP-binding protein yptv3, pu	not DE	not DE	not DE	not DE
EVM0000509	LG10	Glucan endo-1,3-beta-glucosid	not DE	not DE	not DE	not DE
EVM0007018	LG10	Glycogen synthase	not DE	not DE	not DE	not DE
EVM0014482	LG10	Glycogen synthase	not DE	not DE	not DE	not DE
EVM0004630	LG10	Glycosyl hydrolase superfamil	not DE	not DE	not DE	not DE
EVM0017660	LG10	Got1/Sft2-like vescicle trans	not DE	not DE	not DE	not DE
EVM0015843	LG10	GroES-like zinc-binding alcoh	not DE	not DE	not DE	not DE
EVM0001405	LG10	HXXXD-type acyl-transferase f	not DE	not DE	not DE	not DE
EVM0014520	LG10	HXXXD-type acyl-transferase f	not DE	not DE	not DE	not DE
EVM0006931	LG10	Heat shock factor 4	not DE	not DE	not DE	not DE
EVM0020527	LG10	Histidine kinase 1	not DE	not DE	not DE	not DE
EVM0003058	LG10	Homeobox protein 21, putative	not DE	not DE	not DE	not DE
EVM0008743	LG10	Homeodomain-leucine zipper pr	not DE	not DE	not DE	not DE
EVM0015081	LG10	Homeodomain-leucine zipper pr	not DE	not DE	not DE	not DE
EVM0000951	LG10	Isoflavone reductase, putativ	not DE	not DE	not DE	not DE
EVM0020556	LG10	JHL03K20.4	not DE	not DE	not DE	not DE
EVM0007843	LG10	L-myo-inositol-1-phosphate sy	not DE	not DE	1.0951	0.04681
EVM0008405	LG10	LOB domain-containing 36 -lik	not DE	not DE	not DE	not DE
EVM0024332	LG10	LOB domain-containing 36 -lik	not DE	not DE	not DE	not DE
EVM0009847	LG10	Laccase 11	not DE	not DE	not DE	not DE
EVM0007940	LG10	Lateral root primordium prote	not DE	not DE	not DE	not DE
EVM0001633	LG10	Lipase/lipooxygenase, PLAT/LH	not DE	not DE	not DE	not DE
EVM0008074	LG10	Lysosomal alpha-mannosidase	not DE	not DE	not DE	not DE
EVM0022466	LG10	Major facilitator superfamily	not DE	not DE	not DE	not DE
EVM0023555	LG10	Membrane lipoprotein	not DE	not DE	not DE	not DE
EVM0003671	LG10	Mitochondrial transcription t	2.064132	0.000257	not DE	not DE
EVM0000200	LG10	Multidrug resistance pump, pu	not DE	not DE	not DE	not DE
EVM0009892	LG10	Multidrug resistance pump, pu	not DE	not DE	not DE	not DE
EVM0000810	LG10	Myb domain protein 84, putati	not DE	not DE	not DE	not DE
EVM0015760	LG10	Myosin-H heavy chain isoform	not DE	not DE	not DE	not DE
EVM0020101	LG10	NAD(P)-binding Rossmann-fold	not DE	not DE	not DE	not DE
EVM0014749	LG10	NADPH-dependent thioredoxin r	not DE	not DE	not DE	not DE
EVM0019830	LG10	Nucleic acid binding protein,	not DE	not DE	not DE	not DE
EVM0007448	LG10	P-loop containing nucleoside	2.633002	0.014041	not DE	not DE
EVM0002495	LG10	P-loop containing nucleoside	not DE	not DE	not DE	not DE
EVM0010298	LG10	P-loop containing nucleoside	not DE	not DE	not DE	not DE
EVM0013473	LG10	PYR1-like 11	not DE	not DE	not DE	not DE
EVM0018715	LG10	Pectin lyase-like superfamily	not DE	not DE	not DE	not DE
EVM0013165	LG10	Pentatricopeptide repeat-cont	not DE	not DE	not DE	not DE
EVM0015772	LG10	Pentatricopeptide repeat-cont	not DE	not DE	not DE	not DE
EVM0012588	LG10	Peptidylprolyl cis/trans isom	not DE	not DE	not DE	not DE
EVM0005549	LG10	Peroxidase 47 -like protein	not DE	not DE	not DE	not DE
EVM0016240	LG10	Peroxidase 72 precursor, puta	not DE	not DE	not DE	not DE
EVM0013436	LG10	Peroxidase superfamily protei	not DE	not DE	not DE	not DE
EVM0006143	LG10	Phospholipase A 2A, IIA, PLA2A	not DE	not DE	not DE	not DE
EVM0011589	LG10	Phospholipase A 2A, IIA, PLA2A	not DE	not DE	not DE	not DE

EVM0009190	LG10	Plant glycogenin-like starch	not DE	not DE	not DE	not DE
EVM0005849	LG10	Polyneuridine-aldehyde estera	not DE	not DE	not DE	not DE
EVM0006546	LG10	Polyneuridine-aldehyde estera	not DE	not DE	not DE	not DE
EVM0000818	LG10	Proteasome activator complex	not DE	not DE	not DE	not DE
EVM0012889	LG10	Protein MLO, putative	not DE	not DE	not DE	not DE
EVM0011948	LG10	Protein preY, mitochondrial	not DE	not DE	1.38302	0.01634
EVM0015852	LG10	RING finger protein 5	-2.38521	1.74E-05	-1.05369	0.00627
EVM0019218	LG10	RING-H2 zinc finger protein R	not DE	not DE	not DE	not DE
EVM0005143	LG10	RING/FYVE/PHD zinc finger sup	not DE	not DE	not DE	not DE
EVM0015548	LG10	RING/U-box superfamily protei	not DE	not DE	not DE	not DE
EVM0006252	LG10	RNA-binding 39	not DE	not DE	not DE	not DE
EVM0003181	LG10	RNA-binding family protein is	not DE	not DE	not DE	not DE
EVM0012824	LG10	Ras-related protein RABH1e	not DE	not DE	not DE	not DE
EVM0016680	LG10	RecName: Full=Flavonol syntha	not DE	not DE	not DE	not DE
EVM0010066	LG10	Rer1 family protein isoform 2	not DE	not DE	not DE	not DE
EVM0002146	LG10	Ribosomal L29 family protein	not DE	not DE	not DE	not DE
EVM0020840	LG10	Ribosomal protein L18e/L15 su	not DE	not DE	not DE	not DE
EVM0007043	LG10	Ribosomal protein L6 family p	not DE	not DE	not DE	not DE
EVM0003016	LG10	S-adenosyl-L-methionine-depen	not DE	not DE	not DE	not DE
EVM0011014	LG10	S-adenosyl-L-methionine-depen	not DE	not DE	not DE	not DE
EVM0021299	LG10	SAUR family protein, partial	not DE	not DE	not DE	not DE
EVM0008742	LG10	SCL domain class transcriptid	1.518771	0.038288	not DE	not DE
EVM0018422	LG10	Salicylate O-methyltransferas	not DE	not DE	not DE	not DE
EVM0007289	LG10	Salicylic acid-binding protei	not DE	not DE	not DE	not DE
EVM0024658	LG10	Salicylic acid-binding protei	not DE	not DE	not DE	not DE
EVM0008509	LG10	Scaffold attachment factor Bl	not DE	not DE	not DE	not DE
EVM0012219	LG10	Selection and upkeep of intra	not DE	not DE	not DE	not DE
EVM0020054	LG10	Serine carboxypeptidase S28 f	not DE	not DE	not DE	not DE
EVM0000769	LG10	Serine carboxypeptidase-like	not DE	not DE	not DE	not DE
EVM0011146	LG10	Serine/threonine phosphatase	not DE	not DE	not DE	not DE
EVM0004723	LG10	Serine/threonine-protein kina	not DE	not DE	not DE	not DE
EVM0013551	LG10	Serine/threonine-protein kina	not DE	not DE	not DE	not DE
EVM0000496	LG10	Soluble inorganic pyrophospha	not DE	not DE	1.38517	#####
EVM0013622	LG10	Spindle assembly abnormal pro	not DE	not DE	not DE	not DE
EVM0009353	LG10	Thioesterase superfamily prot	not DE	not DE	not DE	not DE
EVM0000526	LG10	Transcription elongation fact	not DE	not DE	not DE	not DE
EVM0016691	LG10	Transcription factor-like pro	not DE	not DE	not DE	not DE
EVM0014775	LG10	Transcription initiation fact	not DE	not DE	not DE	not DE
EVM0005424	LG10	Transmembrane isoform 1	not DE	not DE	not DE	not DE
EVM0016548	LG10	Transmembrane isoform 1	not DE	not DE	not DE	not DE
EVM0020042	LG10	Transposon Ty3-I Gag-Pol poly	not DE	not DE	not DE	not DE
EVM0013251	LG10	Trichome birefringence-like 1	-3.43127	0.001628	not DE	not DE
EVM0020140	LG10	Trichome birefringence-like 7	not DE	not DE	not DE	not DE
EVM0012015	LG10	Trimeric LpxA-like enzymes su	not DE	not DE	not DE	not DE
EVM0006409	LG10	Tubulin alpha-2 chain	not DE	not DE	not DE	not DE
EVM0014168	LG10	U-box domain-containing prote	not DE	not DE	not DE	not DE
EVM0023726	LG10	UDP-glucosyltransferase, puta	not DE	not DE	not DE	not DE
EVM0011247	LG10	Uncharacterized amino-acid pe	not DE	not DE	not DE	not DE
EVM0023092	LG10	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0011683	LG10	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0002136	LG10	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0020831	LG10	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0019288	LG10	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0019943	LG10	Uncharacterized protein TCM_C	-1.42127	0.024756	not DE	not DE

EVM0019324	LG10	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0011142	LG10	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0004188	LG10	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0007221	LG10	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0024250	LG10	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0018745	LG10	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0017079	LG10	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0019865	LG10	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0006180	LG10	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0006371	LG10	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0014022	LG10	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0015191	LG10	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0018571	LG10	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0019513	LG10	Uncharacterized protein isofo	-1.7653	6.75E-06	not DE	not DE
EVM0022165	LG10	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0017004	LG10	Violaxanthin de-epoxidase-rel	1.551304	0.006232	not DE	not DE
EVM0001875	LG10	WRKY DNA-binding protein 7 is	not DE	not DE	not DE	not DE
EVM0009349	LG10	WRKY DNA-binding protein 7 is	not DE	not DE	not DE	not DE
EVM0023898	LG10	WUSCHEL protein	not DE	not DE	not DE	not DE
EVM0013801	LG10	White-brown complex protein 1	not DE	not DE	not DE	not DE
EVM0012415	LG10	YEATS family protein isoform	not DE	not DE	not DE	not DE
EVM0009449	LG10	Zinc finger protein 7, putati	not DE	not DE	not DE	not DE
EVM0015983	LG10	abscisic acid-responsive HVA2	-1.208	0.000161	not DE	not DE
EVM0004930	LG10	actin family protein	not DE	not DE	not DE	not DE
EVM0010819	LG10	alcohol dehydrogenase	not DE	not DE	not DE	not DE
EVM0000125	LG10	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0001722	LG10	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0005545	LG10	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0010234	LG10	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0020225	LG10	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0022735	LG10	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0009308	LG10	cytochrome P450, putative	not DE	not DE	not DE	not DE
EVM0002116	LG10	dehydrin	not DE	not DE	not DE	not DE
EVM0023600	LG10	diacylglycerol acyltransferas	not DE	not DE	not DE	not DE
EVM0006383	LG10	flavanone-3-hydroxylase	not DE	not DE	not DE	not DE
EVM0005218	LG10	fruit weight 2.2-2 protein	not DE	not DE	not DE	not DE
EVM0005448	LG10	fruit weight 2.2-2 protein	not DE	not DE	not DE	not DE
EVM0018021	LG10	geranylgeranyl pyrophosphate	not DE	not DE	not DE	not DE
EVM0012477	LG10	hypothetical protein	3.05878	0.00066	not DE	not DE
EVM0002374	LG10	hypothetical protein AMTR_s05	not DE	not DE	not DE	not DE
EVM0019420	LG10	hypothetical protein CARUB_vl	not DE	not DE	not DE	not DE
EVM0009509	LG10	hypothetical protein CARUB_vl	not DE	not DE	not DE	not DE
EVM0016023	LG10	hypothetical protein CARUB_vl	not DE	not DE	not DE	not DE
EVM0017111	LG10	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0011123	LG10	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0024274	LG10	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0004798	LG10	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0013378	LG10	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0016334	LG10	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0009335	LG10	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0018784	LG10	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0012921	LG10	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0005032	LG10	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0018456	LG10	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE

EVM0013715	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008918	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015361	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003362	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007915	LG10	hypothetical protein CICLE_v1	1.018536	0.000563	not DE	not DE
EVM0001442	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010705	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003089	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008761	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020074	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020587	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002426	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011844	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004317	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020538	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009688	LG10	hypothetical protein CICLE_v1	1.572657	0.002543	not DE	not DE
EVM0022610	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020633	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008880	LG10	hypothetical protein CICLE_v1	not DE	not DE	1.103433	0.03228
EVM0006137	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020211	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002710	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014400	LG10	hypothetical protein CICLE_v1	6.646144	1.90E-05	not DE	not DE
EVM0012492	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000485	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023046	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013521	LG10	hypothetical protein CICLE_v1	-2.24509	2.70E-05	not DE	not DE
EVM0004866	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013156	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011987	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015140	LG10	hypothetical protein CICLE_v1	-3.51271	0.000423	not DE	not DE
EVM0005298	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014640	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014938	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022746	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014549	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021963	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017553	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022156	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009924	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009803	LG10	hypothetical protein CICLE_v1	not DE	not DE	1.433613	#####
EVM0019003	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012583	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005896	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011302	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024215	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005859	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003945	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005751	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006711	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018929	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017397	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008309	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006596	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0005862	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013484	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003463	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009460	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003298	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000735	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009764	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002085	LG10	hypothetical protein CICLE_v1	not DE	not DE	-1.06238	0.00569
EVM0006589	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013246	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022915	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002368	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018885	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001789	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000566	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010415	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014049	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006689	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008997	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009312	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011054	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015465	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020510	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024346	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014989	LG10	hypothetical protein CICLE_v1	not DE	not DE	2.578566	0.01054
EVM0004582	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001017	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018971	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006804	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011595	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014120	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019318	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006826	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013559	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006819	LG10	hypothetical protein CICLE_v1	1.955313	0.008608	not DE	not DE
EVM0012817	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018131	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008815	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003926	LG10	hypothetical protein CICLE_v1	not DE	not DE	1.097861	0.03818
EVM0018773	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019081	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003521	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004417	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007514	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020430	LG10	hypothetical protein CICLE_v1	-1.69669	0.022098	not DE	not DE
EVM0001254	LG10	hypothetical protein CICLE_v1	not DE	not DE	-1.0799	0.00845
EVM0012389	LG10	hypothetical protein CICLE_v1	1.137831	0.005827	not DE	not DE
EVM0007831	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023196	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018762	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005579	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022454	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009481	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010230	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0010521	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014335	LG10	hypothetical protein CICLE_v1	1.180963	0.047006	not DE	not DE
EVM0013463	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014545	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008963	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009083	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020115	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009295	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002744	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011717	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015765	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000545	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010719	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000647	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009624	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022297	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021801	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018650	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000301	LG10	hypothetical protein CICLE_v1	not DE	not DE	-1.28679	0.0022
EVM0004345	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007663	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006561	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009840	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017964	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020412	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014302	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000313	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000436	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009620	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012497	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015370	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018884	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020838	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018870	LG10	hypothetical protein CICLE_v1	not DE	not DE	1.619257	0.02552
EVM0018059	LG10	hypothetical protein CICLE_v1	2.302508	0.031315	1.372494	0.02575
EVM0023501	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018033	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024328	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000009	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021360	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004886	LG10	hypothetical protein CICLE_v1	not DE	not DE	1.053683	0.02432
EVM0013776	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007201	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016474	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011455	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011117	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007338	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020048	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014359	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000109	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014716	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020175	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000868	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001955	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0002183	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005745	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015833	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018583	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022380	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023122	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010832	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020806	LG10	hypothetical protein CICLE_v1	not DE	not DE	-1.29731	0.03984
EVM0004572	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004410	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019505	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023758	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001988	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000149	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020635	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018515	LG10	hypothetical protein CICLE_v1	-2.22655	0.006596	not DE	not DE
EVM0011975	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018389	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007856	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004337	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002562	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014769	LG10	hypothetical protein CICLE_v1	not DE	not DE	2.785086	0.00092
EVM0019924	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007728	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022220	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003892	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018407	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019650	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023789	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013963	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014192	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019555	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014392	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007066	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004158	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010398	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011116	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022840	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005376	LG10	hypothetical protein CICLE_v1	not DE	not DE	3.07976	0.00233
EVM0008925	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016929	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015020	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005212	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014641	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004189	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010478	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009794	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007365	LG10	hypothetical protein CICLE_v1	not DE	not DE	1.047138	#####
EVM0016067	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003894	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024340	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009705	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006822	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018826	LG10	hypothetical protein CICLE_v1	3.103708	7.07E-11	not DE	not DE

EVM0019947	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023105	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022240	LG10	hypothetical protein CICLE_v1	-1.54791	0.019691	-2.07474	0.00022
EVM0016413	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000804	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006838	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018402	LG10	hypothetical protein CICLE_v1	not DE	not DE	1.039926	#####
EVM0016227	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023764	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001123	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008396	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022491	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023150	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016977	LG10	hypothetical protein CICLE_v1	-1.44325	0.002909	not DE	not DE
EVM0005578	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006342	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024036	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022730	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013869	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014884	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005597	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023762	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015384	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016294	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018890	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018381	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023621	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012777	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000532	LG10	hypothetical protein CICLE_v1	1.8831	0.00826	not DE	not DE
EVM0009517	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002035	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021519	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009581	LG10	hypothetical protein CICLE_v1	-1.70575	0.000374	not DE	not DE
EVM0004008	LG10	hypothetical protein CICLE_v1	not DE	not DE	1.481658	0.00033
EVM0015004	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004650	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019237	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009622	LG10	hypothetical protein CICLE_v1	not DE	not DE	1.009548	0.03272
EVM0011569	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000849	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022906	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010923	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018548	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015038	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022837	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015270	LG10	hypothetical protein CICLE_v1	3.437125	0.040053	not DE	not DE
EVM0015507	LG10	hypothetical protein CICLE_v1	not DE	not DE	1.622607	0.0002
EVM0019104	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014109	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014682	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016776	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006620	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021170	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020032	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE



EVM0017178	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000391	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020410	LG10	hypothetical protein CICLE_v1	not DE	not DE	1.571043	#####
EVM0001043	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009184	LG10	hypothetical protein CICLE_v1	-2.39912	0.017347	not DE	not DE
EVM0005869	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008231	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011680	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007964	LG10	hypothetical protein CICLE_v1	-1.02148	0.031363	not DE	not DE
EVM0016928	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006036	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011702	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007032	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015073	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002080	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006817	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003794	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016955	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004612	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010581	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012226	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000578	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007132	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022201	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015151	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020797	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010228	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023058	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014770	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007686	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017309	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013338	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013895	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006802	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016562	LG10	hypothetical protein CICLE_v1	-1.08962	0.005192	not DE	not DE
EVM0000112	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000953	LG10	hypothetical protein CICLE_v1	not DE	not DE	-4.14041	0.01265
EVM0005499	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006844	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013589	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021034	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022020	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022932	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024241	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024452	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006823	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011451	LG10	hypothetical protein CICLE_v1	1.189817	0.001581	not DE	not DE
EVM0000798	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016202	LG10	hypothetical protein CICLE_v1	1.247458	0.005386	1.467992	0.02199
EVM0011305	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002267	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002346	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011596	LG10	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006428	LG10	hypothetical protein CISIN_1g	not DE	not DE	-1.2518	0.00027



EVM0005512	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020746	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004361	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022139	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001301	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006452	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016448	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020677	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004133	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014908	LG10	hypothetical protein CISIN_1g	not DE	not DE	1.364741	0.00111
EVM0009293	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010376	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020830	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023930	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002113	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019918	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023891	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011713	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015711	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022142	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000147	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021847	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023005	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021643	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017735	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023166	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013158	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002127	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007238	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001630	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013411	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003668	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011576	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010423	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016325	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005603	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005471	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018251	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012364	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023684	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015525	LG10	hypothetical protein CISIN_1g	1.88405	0.03761	not DE	not DE
EVM0022738	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021984	LG10	hypothetical protein CISIN_1g	-1.03444	0.013866	not DE	not DE
EVM0008868	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019659	LG10	hypothetical protein CISIN_1g	not DE	not DE	1.633594	0.00528
EVM0015220	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005777	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007895	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007840	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009188	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018144	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012082	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021495	LG10	hypothetical protein CISIN_1g	1.346424	0.027156	1.201561	0.00019
EVM0014173	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0004994	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017889	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018539	LG10	hypothetical protein CISIN_1g	not DE	not DE	2.253768	#####
EVM0005174	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016403	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022210	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014169	LG10	hypothetical protein CISIN_1g	2.341826	0.02448	not DE	not DE
EVM0002193	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020802	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020576	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006433	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021158	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024384	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012332	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003041	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013343	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012284	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015713	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003996	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021891	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024312	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021707	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016109	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023711	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006686	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001979	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011586	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023167	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002190	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021359	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019829	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012603	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017252	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000176	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013490	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019684	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009682	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001748	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001481	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017222	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011464	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012856	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019281	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024353	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006841	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023250	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010798	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018506	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006056	LG10	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018707	LG10	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0019815	LG10	hypothetical protein EUGRSUZ_	-3.37995	0.046448	not DE	not DE
EVM0020822	LG10	hypothetical protein EUTSA_v1	not DE	not DE	not DE	not DE
EVM0017865	LG10	hypothetical protein F383_084	not DE	not DE	not DE	not DE
EVM0008645	LG10	hypothetical protein F383_355	not DE	not DE	not DE	not DE

EVM0024031	LG10	hypothetical protein F383_355	not DE	not DE	not DE	not DE
EVM0013306	LG10	hypothetical protein JCGZ_015	not DE	not DE	not DE	not DE
EVM0002865	LG10	hypothetical protein JCGZ_053	not DE	not DE	not DE	not DE
EVM0007226	LG10	hypothetical protein JCGZ_053	not DE	not DE	not DE	not DE
EVM0014467	LG10	hypothetical protein JCGZ_064	not DE	not DE	not DE	not DE
EVM0023199	LG10	hypothetical protein JCGZ_065	-1.50818	0.014212	not DE	not DE
EVM0008097	LG10	hypothetical protein JCGZ_079	not DE	not DE	not DE	not DE
EVM0018591	LG10	hypothetical protein JCGZ_093	not DE	not DE	not DE	not DE
EVM0013392	LG10	hypothetical protein JCGZ_093	not DE	not DE	not DE	not DE
EVM0023324	LG10	hypothetical protein JCGZ_093	1.717956	0.011401	not DE	not DE
EVM0002047	LG10	hypothetical protein JCGZ_094	not DE	not DE	not DE	not DE
EVM0007294	LG10	hypothetical protein JCGZ_112	not DE	not DE	not DE	not DE
EVM0005270	LG10	hypothetical protein JCGZ_122	not DE	not DE	not DE	not DE
EVM0018669	LG10	hypothetical protein JCGZ_122	not DE	not DE	not DE	not DE
EVM0007702	LG10	hypothetical protein JCGZ_122	not DE	not DE	not DE	not DE
EVM0003199	LG10	hypothetical protein JCGZ_122	not DE	not DE	not DE	not DE
EVM0006806	LG10	hypothetical protein JCGZ_123	not DE	not DE	not DE	not DE
EVM0018018	LG10	hypothetical protein JCGZ_123	not DE	not DE	not DE	not DE
EVM0006650	LG10	hypothetical protein JCGZ_123	not DE	not DE	not DE	not DE
EVM0012090	LG10	hypothetical protein JCGZ_123	not DE	not DE	not DE	not DE
EVM0002738	LG10	hypothetical protein JCGZ_124	not DE	not DE	not DE	not DE
EVM0013724	LG10	hypothetical protein JCGZ_124	not DE	not DE	not DE	not DE
EVM0001412	LG10	hypothetical protein JCGZ_124	not DE	not DE	not DE	not DE
EVM0005991	LG10	hypothetical protein JCGZ_124	not DE	not DE	not DE	not DE
EVM0014898	LG10	hypothetical protein JCGZ_125	not DE	not DE	not DE	not DE
EVM0014339	LG10	hypothetical protein JCGZ_125	not DE	not DE	not DE	not DE
EVM0016999	LG10	hypothetical protein JCGZ_126	not DE	not DE	not DE	not DE
EVM0016221	LG10	hypothetical protein JCGZ_126	-1.20333	0.036181	not DE	not DE
EVM0010648	LG10	hypothetical protein JCGZ_127	not DE	not DE	not DE	not DE
EVM0009257	LG10	hypothetical protein JCGZ_128	not DE	not DE	not DE	not DE
EVM0008610	LG10	hypothetical protein JCGZ_149	not DE	not DE	not DE	not DE
EVM0018476	LG10	hypothetical protein JCGZ_169	not DE	not DE	not DE	not DE
EVM0024363	LG10	hypothetical protein JCGZ_187	not DE	not DE	not DE	not DE
EVM0020987	LG10	hypothetical protein JCGZ_187	-1.16222	0.001478	not DE	not DE
EVM0006567	LG10	hypothetical protein JCGZ_191	not DE	not DE	not DE	not DE
EVM0020290	LG10	hypothetical protein JCGZ_191	not DE	not DE	not DE	not DE
EVM0019039	LG10	hypothetical protein JCGZ_192	not DE	not DE	not DE	not DE
EVM0003545	LG10	hypothetical protein JCGZ_222	not DE	not DE	not DE	not DE
EVM0009989	LG10	hypothetical protein JCGZ_222	not DE	not DE	not DE	not DE
EVM0011307	LG10	hypothetical protein JCGZ_222	not DE	not DE	not DE	not DE
EVM0023228	LG10	hypothetical protein JCGZ_222	not DE	not DE	not DE	not DE
EVM0007608	LG10	hypothetical protein JCGZ_223	not DE	not DE	not DE	not DE
EVM0001727	LG10	hypothetical protein JCGZ_223	not DE	not DE	not DE	not DE
EVM0017919	LG10	hypothetical protein JCGZ_223	not DE	not DE	not DE	not DE
EVM0021826	LG10	hypothetical protein JCGZ_223	not DE	not DE	not DE	not DE
EVM0019174	LG10	hypothetical protein JCGZ_223	not DE	not DE	not DE	not DE
EVM0015481	LG10	hypothetical protein JCGZ_224	not DE	not DE	not DE	not DE
EVM0021176	LG10	hypothetical protein JCGZ_240	not DE	not DE	not DE	not DE
EVM0010372	LG10	hypothetical protein JCGZ_240	not DE	not DE	not DE	not DE
EVM0000694	LG10	hypothetical protein JCGZ_242	not DE	not DE	not DE	not DE
EVM0007362	LG10	hypothetical protein JCGZ_242	not DE	not DE	not DE	not DE
EVM0007963	LG10	hypothetical protein JCGZ_244	not DE	not DE	not DE	not DE
EVM0015487	LG10	hypothetical protein JCGZ_249	not DE	not DE	not DE	not DE
EVM0022149	LG10	hypothetical protein JCGZ_249	not DE	not DE	not DE	not DE

EVM0007862	LG10	hypothetical protein JCGZ_254	not DE	not DE	not DE	not DE
EVM0002098	LG10	hypothetical protein L484_000	not DE	not DE	not DE	not DE
EVM0001593	LG10	hypothetical protein L484_013	not DE	not DE	not DE	not DE
EVM0019235	LG10	hypothetical protein L484_013	not DE	not DE	not DE	not DE
EVM0015485	LG10	hypothetical protein L484_014	not DE	not DE	not DE	not DE
EVM0007519	LG10	hypothetical protein L484_020	not DE	not DE	not DE	not DE
EVM0005398	LG10	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0003660	LG10	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0006659	LG10	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0005939	LG10	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0021179	LG10	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010623	LG10	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0011118	LG10	hypothetical protein POPTR_00	-2.26915	0.009518	not DE	not DE
EVM0008325	LG10	hypothetical protein POPTR_00	-2.53719	0.04401	not DE	not DE
EVM0016984	LG10	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002268	LG10	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002259	LG10	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010260	LG10	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006399	LG10	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002842	LG10	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002111	LG10	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006995	LG10	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000702	LG10	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0012383	LG10	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0001103	LG10	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002137	LG10	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019093	LG10	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000427	LG10	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0008395	LG10	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0004552	LG10	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0011318	LG10	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023714	LG10	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0022757	LG10	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0013448	LG10	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0022506	LG10	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0001173	LG10	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0018815	LG10	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0005464	LG10	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0008588	LG10	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0004836	LG10	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0014307	LG10	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0020952	LG10	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0015553	LG10	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0005501	LG10	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0017104	LG10	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0005048	LG10	hypothetical protein TCM_0013	not DE	not DE	not DE	not DE
EVM0011301	LG10	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0014428	LG10	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0021862	LG10	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0003717	LG10	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0005558	LG10	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0023325	LG10	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0010137	LG10	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0013346	LG10	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE

EVM0021024	LG10	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0005178	LG10	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0009265	LG10	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0011286	LG10	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0001872	LG10	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0009348	LG10	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0016589	LG10	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0001519	LG10	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0022324	LG10	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0000435	LG10	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0010474	LG10	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0019321	LG10	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0003943	LG10	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0013520	LG10	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0001928	LG10	integrase	not DE	not DE	not DE	not DE
EVM0017605	LG10	kinase family protein	not DE	not DE	not DE	not DE
EVM0010224	LG10	leucine-rich repeat receptor	not DE	not DE	not DE	not DE
EVM0008811	LG10	mads box protein, putative	not DE	not DE	not DE	not DE
EVM0002595	LG10	metal ion binding protein, pu	not DE	not DE	not DE	not DE
EVM0002626	LG10	mitogen-activated protein kin	not DE	not DE	not DE	not DE
EVM0000588	LG10	multicopper oxidase, putative	not DE	not DE	not DE	not DE
EVM0005645	LG10	natural resistance-associated	not DE	not DE	not DE	not DE
EVM0007878	LG10	nucleic acid binding protein,	not DE	not DE	not DE	not DE
EVM0012000	LG10	orf774	not DE	not DE	not DE	not DE
EVM0020104	LG10	osmotin-like pathogenesis-rel	not DE	not DE	not DE	not DE
EVM0006243	LG10	osmotin-like protein I	not DE	not DE	not DE	not DE
EVM0019201	LG10	osmotin-like protein I	not DE	not DE	not DE	not DE
EVM0023381	LG10	oxygen evolving enhancer prot	-1.51466	0.006058	not DE	not DE
EVM0006615	LG10	peroxidase 5	not DE	not DE	not DE	not DE
EVM0006244	LG10	phospholipase D delta	not DE	not DE	not DE	not DE
EVM0005370	LG10	photosystem II protein K (chl	not DE	not DE	not DE	not DE
EVM0008857	LG10	plant ubiquilin, putative	not DE	not DE	not DE	not DE
EVM0017643	LG10	polyprotein	not DE	not DE	not DE	not DE
EVM0013479	LG10	putative L-type lectin-domain	not DE	not DE	not DE	not DE
EVM0005105	LG10	putative mannitol dehydrogena	not DE	not DE	not DE	not DE
EVM0009613	LG10	putative mannitol dehydrogena	not DE	not DE	not DE	not DE
EVM0012183	LG10	putative mannitol dehydrogena	not DE	not DE	not DE	not DE
EVM0004061	LG10	putative serine/threonine-pro	not DE	not DE	not DE	not DE
EVM0012859	LG10	putative tripeptidyl-peptidas	not DE	not DE	not DE	not DE
EVM0006084	LG10	putative ubiquitin-conjugatin	not DE	not DE	not DE	not DE
EVM0023469	LG10	ribosomal protein L17	not DE	not DE	not DE	not DE
EVM0005789	LG10	ribosomal protein L20	not DE	not DE	not DE	not DE
EVM0000639	LG10	short vegetative phase 1	not DE	not DE	not DE	not DE
EVM0013146	LG10	squalene epoxidase 1 protein	not DE	not DE	not DE	not DE
EVM0016372	LG10	succinate dehydrogenase	not DE	not DE	not DE	not DE
EVM0005224	LG10	succinate dehydrogenase, puta	not DE	not DE	not DE	not DE
EVM0013598	LG10	transcription factor APETALA2	not DE	not DE	not DE	not DE
EVM0005220	LG10	trehalose-6-phosphate synthas	not DE	not DE	not DE	not DE
EVM0023888	LG10	ultraviolet-B receptor UVR8	not DE	not DE	not DE	not DE
EVM0002651	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0002932	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0003028	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0003683	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0004208	LG10	unknown protein	not DE	not DE	not DE	not DE

EVM0005913	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0005953	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0005978	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0008608	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0009106	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0010276	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0010469	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0010645	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0010962	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0012677	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0014007	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0014992	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0016939	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0018438	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0021473	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0021800	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0023760	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0023939	LG10	unknown protein	not DE	not DE	not DE	not DE
EVM0004368	LG10	unnamed protein product	not DE	not DE	not DE	not DE
EVM0005157	LG10	unnamed protein product	not DE	not DE	not DE	not DE
EVM0005481	LG10	unnamed protein product	not DE	not DE	not DE	not DE
EVM0005698	LG10	unnamed protein product	not DE	not DE	not DE	not DE
EVM0007177	LG10	unnamed protein product	not DE	not DE	not DE	not DE
EVM0007658	LG10	unnamed protein product	not DE	not DE	not DE	not DE
EVM0008037	LG10	unnamed protein product	not DE	not DE	not DE	not DE
EVM0008318	LG10	unnamed protein product	not DE	not DE	not DE	not DE
EVM0008828	LG10	unnamed protein product	not DE	not DE	not DE	not DE
EVM0013624	LG10	unnamed protein product	not DE	not DE	not DE	not DE
EVM0013844	LG10	unnamed protein product	not DE	not DE	not DE	not DE
EVM0015665	LG10	unnamed protein product	not DE	not DE	not DE	not DE
EVM0017297	LG10	unnamed protein product	not DE	not DE	not DE	not DE
EVM0017502	LG10	unnamed protein product	1.603644	0.039766	not DE	not DE
EVM0018003	LG10	unnamed protein product	not DE	not DE	not DE	not DE
EVM0018336	LG10	unnamed protein product	not DE	not DE	not DE	not DE
EVM0020206	LG10	unnamed protein product	not DE	not DE	not DE	not DE
EVM0021661	LG10	unnamed protein product	not DE	not DE	not DE	not DE
EVM0024504	LG10	unnamed protein product	not DE	not DE	not DE	not DE
EVM0024377	LG10	zeaxanthin epoxidase, putative	not DE	not DE	not DE	not DE
EVM0017001	LG10	zinc finger family protein	not DE	not DE	not DE	not DE
EVM0021525	LG10	zinc finger protein, putative	not DE	not DE	not DE	not DE
EVM0021374	LG11	1-deoxy-D-xylulose 5-phosphate	not DE	not DE	not DE	not DE
EVM0006341	LG11	14 kDa proline-rich protein	not DE	not DE	not DE	not DE
EVM0011119	LG11	14 kDa proline-rich protein	not DE	not DE	not DE	not DE
EVM0000624	LG11	17.3 kDa class I heat shock	not DE	not DE	not DE	not DE
EVM0007162	LG11	17.3 kDa class I heat shock	not DE	not DE	not DE	not DE
EVM0013255	LG11	17.3 kDa class I heat shock	not DE	not DE	not DE	not DE
EVM0020389	LG11	17.3 kDa class I heat shock	not DE	not DE	not DE	not DE
EVM0017208	LG11	18.1 kDa class I heat shock	not DE	not DE	not DE	not DE
EVM0019518	LG11	2-C-methyl-D-erythritol 2,4-	not DE	not DE	not DE	not DE
EVM0017365	LG11	21 kDa protein-like	not DE	not DE	not DE	not DE
EVM0004306	LG11	21 kDa seed protein-like iso	not DE	not DE	not DE	not DE
EVM0006491	LG11	21 kDa seed protein-like iso	not DE	not DE	not DE	not DE
EVM0007214	LG11	21 kDa seed protein-like iso	not DE	not DE	not DE	not DE
EVM0011999	LG11	21 kDa seed protein-like iso	not DE	not DE	not DE	not DE



EVM0014066	LG11	21 kDa seed protein-like iso	not DE	not DE	not DE	not DE
EVM0014648	LG11	21 kDa seed protein-like iso	not DE	not DE	not DE	not DE
EVM0021842	LG11	21 kDa seed protein-like iso	not DE	not DE	not DE	not DE
EVM0003796	LG11	3-isopropylmalate dehydratas	not DE	not DE	not DE	not DE
EVM0018287	LG11	3-oxoacyl-[acyl-carrier-prot	-4.5855	0.000712	not DE	not DE
EVM0012044	LG11	30S ribosomal protein 2, chl	not DE	not DE	not DE	not DE
EVM0001994	LG11	4-coumarate--CoA ligase-like	not DE	not DE	not DE	not DE
EVM0003574	LG11	4-coumarate--CoA ligase-like	not DE	not DE	not DE	not DE
EVM0009252	LG11	4-coumarate--CoA ligase-like	not DE	not DE	not DE	not DE
EVM0022607	LG11	40S ribosomal protein S20-2	not DE	not DE	not DE	not DE
EVM0017091	LG11	40S ribosomal protein S9-2	not DE	not DE	not DE	not DE
EVM0006637	LG11	50S ribosomal protein L12, c	not DE	not DE	not DE	not DE
EVM0009440	LG11	50S ribosomal protein L19-1,	not DE	not DE	not DE	not DE
EVM0004912	LG11	50S ribosomal protein L19-1,	not DE	not DE	not DE	not DE
EVM0009134	LG11	50S ribosomal protein L4, ch	not DE	not DE	not DE	not DE
EVM0009102	LG11	6-phosphogluconate dehydroge	not DE	not DE	not DE	not DE
EVM0019055	LG11	60S ribosomal protein L17-2	not DE	not DE	not DE	not DE
EVM0007628	LG11	60S ribosomal protein L27a-3	not DE	not DE	not DE	not DE
EVM0023129	LG11	60S ribosomal protein L27a-3	not DE	not DE	not DE	not DE
EVM0012303	LG11	60S ribosomal protein L34-li	not DE	not DE	not DE	not DE
EVM0019152	LG11	60S ribosomal protein L9-lik	not DE	not DE	not DE	not DE
EVM0001057	LG11	ABC transporter A family mem	not DE	not DE	not DE	not DE
EVM0019349	LG11	ABC transporter A family mem	not DE	not DE	not DE	not DE
EVM0022966	LG11	ABC transporter A family mem	not DE	not DE	not DE	not DE
EVM0008022	LG11	ABC transporter B family mem	not DE	not DE	not DE	not DE
EVM0007708	LG11	ABC transporter G family mem	not DE	not DE	not DE	not DE
EVM0016235	LG11	ABC transporter G family mem	not DE	not DE	not DE	not DE
EVM0024294	LG11	ABC transporter G family mem	not DE	not DE	not DE	not DE
EVM0011067	LG11	AT-rich interactive domain-c	not DE	not DE	not DE	not DE
EVM0004763	LG11	ATP-dependent Clp protease p	not DE	not DE	not DE	not DE
EVM0004581	LG11	ATP-dependent zinc metallopr	not DE	not DE	not DE	not DE
EVM0013759	LG11	BTB/POZ domain-containing pr	not DE	not DE	not DE	not DE
EVM0002316	LG11	BTB/POZ domain-containing pr	not DE	not DE	not DE	not DE
EVM0018667	LG11	C2 and GRAM domain-containin	2.444885	0.039808	not DE	not DE
EVM0024125	LG11	CASP-like protein At2g36330-	not DE	not DE	not DE	not DE
EVM0008130	LG11	CDT1-like protein b-like	1.462947	0.000644	not DE	not DE
EVM0013677	LG11	CMP-sialic acid transporter	not DE	not DE	not DE	not DE
EVM0000593	LG11	COMM domain-containing prote	not DE	not DE	not DE	not DE
EVM0019144	LG11	COP9 signalosome complex sub	not DE	not DE	not DE	not DE
EVM0017608	LG11	DNA annealing helicase and e	1.22742	0.039619	not DE	not DE
EVM0007885	LG11	DNA polymerase epsilon subun	not DE	not DE	not DE	not DE
EVM0017391	LG11	DNA primase small subunit-li	not DE	not DE	not DE	not DE
EVM0012042	LG11	DNA-(apurinic or apyrimidini	not DE	not DE	not DE	not DE
EVM0009958	LG11	DNA-binding protein RHL1-lik	not DE	not DE	not DE	not DE
EVM0008005	LG11	DNA-directed RNA polymerase	not DE	not DE	not DE	not DE
EVM0006402	LG11	Down syndrome critical regio	-1.96733	0.018488	-1.56104	0.04007
EVM0000497	LG11	E2F transcription factor-lik	not DE	not DE	not DE	not DE
EVM0013030	LG11	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0022443	LG11	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0020684	LG11	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0016605	LG11	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0012493	LG11	F-box protein At5g49610-like	not DE	not DE	not DE	not DE
EVM0018150	LG11	F-box protein At5g49610-like	not DE	not DE	not DE	not DE
EVM0013113	LG11	F-box protein PP2-A12-like	not DE	not DE	not DE	not DE

EVM0003831	LG11	F-box/kelch-repeat protein A	not DE	not DE	not DE	not DE
EVM0008305	LG11	FAM10 family protein At4g226	-1.79606	0.000415	-1.8224	#####
EVM0008497	LG11	FAS-associated factor 2-B-li	not DE	not DE	not DE	not DE
EVM0020994	LG11	FAS-associated factor 2-B-li	not DE	not DE	not DE	not DE
EVM0021904	LG11	FAS-associated factor 2-B-li	not DE	not DE	not DE	not DE
EVM0004107	LG11	FKBP12-interacting protein c	not DE	not DE	not DE	not DE
EVM0004689	LG11	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0011889	LG11	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0011038	LG11	GDSL esterase/lipase Atlg584	not DE	not DE	not DE	not DE
EVM0006565	LG11	GDSL esterase/lipase At4g109	not DE	not DE	not DE	not DE
EVM0006331	LG11	GEM-like protein 4	not DE	not DE	not DE	not DE
EVM0008326	LG11	GMP synthase	1.641917	1.55E-16	not DE	not DE
EVM0009897	LG11	HIPL1 protein-like	not DE	not DE	not DE	not DE
EVM0010630	LG11	HIPL1 protein-like	not DE	not DE	not DE	not DE
EVM0024021	LG11	LOB domain-containing protei	5.120232	0.00064	not DE	not DE
EVM0017936	LG11	LOW QUALITY PROTEIN: unchara	not DE	not DE	not DE	not DE
EVM0021147	LG11	LOW QUALITY PROTEIN: unchara	not DE	not DE	not DE	not DE
EVM0021699	LG11	LRR receptor-like serine/thr	not DE	not DE	not DE	not DE
EVM0006763	LG11	LRR receptor-like serine/thr	not DE	not DE	not DE	not DE
EVM0005049	LG11	MATE efflux family protein L	not DE	not DE	not DE	not DE
EVM0023841	LG11	MORC family CW-type zinc fin	not DE	not DE	not DE	not DE
EVM0022614	LG11	N-alpha-acetyltransferase 40	not DE	not DE	not DE	not DE
EVM0001791	LG11	N6-adenosine-methyltransfera	not DE	not DE	not DE	not DE
EVM0017390	LG11	N6-adenosine-methyltransfera	not DE	not DE	not DE	not DE
EVM0018072	LG11	NAC domain-containing protei	not DE	not DE	not DE	not DE
EVM0001368	LG11	NAC domain-containing protei	-1.29572	0.028288	not DE	not DE
EVM0020654	LG11	NAC domain-containing protei	not DE	not DE	not DE	not DE
EVM0000061	LG11	NAC domain-containing protei	not DE	not DE	not DE	not DE
EVM0014036	LG11	NADH dehydrogenase	not DE	not DE	not DE	not DE
EVM0024608	LG11	NAP1-related protein 2-like	not DE	not DE	not DE	not DE
EVM0015693	LG11	NF-X1-type zinc finger prote	not DE	not DE	not DE	not DE
EVM0009736	LG11	PLASMODESMATA CALLOSE-BINDI	not DE	not DE	not DE	not DE
EVM0006255	LG11	RING-H2 finger protein ATL63	not DE	not DE	not DE	not DE
EVM0013341	LG11	RING-H2 finger protein ATL63	not DE	not DE	not DE	not DE
EVM0023856	LG11	RNA polymerase II C-terminal	not DE	not DE	not DE	not DE
EVM0008121	LG11	RNA polymerase II transcript	not DE	not DE	not DE	not DE
EVM0020846	LG11	RPM1-interacting protein 4-l	not DE	not DE	not DE	not DE
EVM0003664	LG11	SEC14-like protein 5-like is	not DE	not DE	not DE	not DE
EVM0007321	LG11	SNAP25 homologous protein SN	not DE	not DE	not DE	not DE
EVM0020833	LG11	SNARE-interacting protein KE	not DE	not DE	not DE	not DE
EVM0005047	LG11	SPX domain-containing membra	not DE	not DE	not DE	not DE
EVM0001874	LG11	U3 small nucleolar ribonucle	not DE	not DE	-1.05603	#####
EVM0018394	LG11	UDP-galactose/UDP-glucose tr	not DE	not DE	not DE	not DE
EVM0007360	LG11	UDP-glycosyltransferase 71D1	not DE	not DE	1.88985	0.00914
EVM0020614	LG11	UDP-glycosyltransferase 74B1	not DE	not DE	not DE	not DE
EVM0014923	LG11	UDP-glycosyltransferase 87A1	not DE	not DE	not DE	not DE
EVM0024094	LG11	UDP-glycosyltransferase 87A1	not DE	not DE	not DE	not DE
EVM0019989	LG11	UDP-glycosyltransferase 87A2	1.192903	0.001628	not DE	not DE
EVM0005109	LG11	UPF0160 protein MYG1, mitoch	not DE	not DE	not DE	not DE
EVM0022111	LG11	UPF0160 protein MYG1, mitoch	not DE	not DE	not DE	not DE
EVM0004603	LG11	UPF0426 protein Atlg28150, c	not DE	not DE	not DE	not DE
EVM0017096	LG11	V-type proton ATPase subunit	not DE	not DE	not DE	not DE
EVM0000331	LG11	abietadienol/abietadienal ox	not DE	not DE	not DE	not DE
EVM0003639	LG11	abietadienol/abietadienal ox	not DE	not DE	not DE	not DE

EVM0023363	LG11	abscisic acid receptor PYL8-	not DE	not DE	not DE	not DE
EVM0004586	LG11	actin-depolymerizing factor	not DE	not DE	not DE	not DE
EVM0000460	LG11	actin-related protein 4-like	not DE	not DE	not DE	not DE
EVM0010053	LG11	actin-related protein 4-like	not DE	not DE	not DE	not DE
EVM0022578	LG11	activating signal cointegrat	not DE	not DE	not DE	not DE
EVM0000111	LG11	agamous-like MADS-box protei	not DE	not DE	not DE	not DE
EVM0022036	LG11	agmatine deiminase-like	not DE	not DE	not DE	not DE
EVM0010533	LG11	aldehyde dehydrogenase famil	not DE	not DE	not DE	not DE
EVM0016170	LG11	aldose 1-epimerase-like	not DE	not DE	not DE	not DE
EVM0024603	LG11	alpha-1,4-glucan-protein syn	not DE	not DE	not DE	not DE
EVM0001603	LG11	alpha-N-acetylglucosaminidas	not DE	not DE	not DE	not DE
EVM0000461	LG11	anamorsin homolog	not DE	not DE	not DE	not DE
EVM0010148	LG11	anaphase-promoting complex s	not DE	not DE	not DE	not DE
EVM0016740	LG11	anaphase-promoting complex s	not DE	not DE	not DE	not DE
EVM0011904	LG11	annexin D5-like	not DE	not DE	not DE	not DE
EVM0004624	LG11	anthranilate phosphoribosylt	not DE	not DE	not DE	not DE
EVM0020135	LG11	arabinogalactan peptide 20-l	not DE	not DE	not DE	not DE
EVM0020429	LG11	armadillo repeat-containing	not DE	not DE	not DE	not DE
EVM0000645	LG11	asparagine synthetase	not DE	not DE	not DE	not DE
EVM0018838	LG11	asparagine synthetase	not DE	not DE	not DE	not DE
EVM0012030	LG11	aspartic proteinase nepenthe	not DE	not DE	not DE	not DE
EVM0021479	LG11	auxin-induced protein 5NG4-l	not DE	not DE	not DE	not DE
EVM0007171	LG11	bax inhibitor 1-like	-1.55936	0.004106	not DE	not DE
EVM0024534	LG11	beta-adaptin-like protein B-	not DE	not DE	not DE	not DE
EVM0000643	LG11	beta-glucosidase 44-like	-1.39626	0.04491	not DE	not DE
EVM0008248	LG11	bifunctional dTDP-4-dehydron	not DE	not DE	not DE	not DE
EVM0016136	LG11	blue copper protein-like	not DE	not DE	not DE	not DE
EVM0009226	LG11	brassinosteroid LRR receptor	not DE	not DE	not DE	not DE
EVM0022299	LG11	calcineurin B-like protein 1	not DE	not DE	1.080612	0.01692
EVM0001338	LG11	calcineurin B-like protein 7	not DE	not DE	not DE	not DE
EVM0016573	LG11	calcineurin B-like protein 7	not DE	not DE	not DE	not DE
EVM0012905	LG11	calcium-dependent protein ki	not DE	not DE	not DE	not DE
EVM0019820	LG11	callose synthase 10-like	not DE	not DE	not DE	not DE
EVM0003061	LG11	cannabidiolic acid synthase-	not DE	not DE	not DE	not DE
EVM0017041	LG11	cannabidiolic acid synthase-	5.249604	0.006675	not DE	not DE
EVM0016125	LG11	carbon catabolite repressor	not DE	not DE	not DE	not DE
EVM0016852	LG11	casein kinase II subunit bet	not DE	not DE	not DE	not DE
EVM0020563	LG11	cation/H(+) antiporter 18-li	not DE	not DE	-1.10407	0.04944
EVM0013541	LG11	cationic amino acid transport	not DE	not DE	not DE	not DE
EVM0004839	LG11	cationic amino acid transport	not DE	not DE	-1.09538	0.00033
EVM0007773	LG11	cell division control protei	not DE	not DE	not DE	not DE
EVM0012177	LG11	cellulose synthase-like prot	not DE	not DE	not DE	not DE
EVM0004042	LG11	chaperone protein ClpB1	not DE	not DE	not DE	not DE
EVM0022281	LG11	chaperone protein ClpB1	not DE	not DE	not DE	not DE
EVM0021298	LG11	chlorophyll a-b binding prot	-2.58188	0.000257	not DE	not DE
EVM0019162	LG11	cleavage stimulation factor	not DE	not DE	not DE	not DE
EVM0022424	LG11	coiled-coil domain-containin	not DE	not DE	not DE	not DE
EVM0016948	LG11	cucumisin-like isoform X2	not DE	not DE	not DE	not DE
EVM0022522	LG11	cyclic dof factor 3-like	not DE	not DE	not DE	not DE
EVM0003938	LG11	cyclic nucleotide-gated ion	not DE	not DE	not DE	not DE
EVM0004447	LG11	cyclic nucleotide-gated ion	not DE	not DE	not DE	not DE
EVM0022279	LG11	cyclin-dependent kinase E-1-	not DE	not DE	not DE	not DE
EVM0001899	LG11	cysteine-rich receptor-like	not DE	not DE	not DE	not DE
EVM0008699	LG11	cytochrome P450 716B1-like	not DE	not DE	not DE	not DE

EVM0003357	LG11	cytochrome P450 71A1-like	not DE	not DE	-1.81334	#####
EVM0012808	LG11	cytochrome P450 71A25	not DE	not DE	-2.39718	0.0069
EVM0003590	LG11	cytochrome P450 724B1-like	not DE	not DE	not DE	not DE
EVM0017248	LG11	cytochrome P450 78A5	not DE	not DE	not DE	not DE
EVM0000498	LG11	cytochrome P450 86A8-like	-2.5617	0.042339	not DE	not DE
EVM0002281	LG11	cytochrome P450 87A3-like	not DE	not DE	not DE	not DE
EVM0001278	LG11	cytochrome P450 98A2	not DE	not DE	not DE	not DE
EVM0005357	LG11	decapping nuclease DXO homolog	not DE	not DE	not DE	not DE
EVM0005339	LG11	delta-1-pyrroline-5-carboxyl	not DE	not DE	not DE	not DE
EVM0008186	LG11	developmental protein SEPALL	not DE	not DE	not DE	not DE
EVM0019141	LG11	dihydropyrimidine dehydrogen	not DE	not DE	not DE	not DE
EVM0015878	LG11	dirigent protein 5-like	not DE	not DE	not DE	not DE
EVM0012304	LG11	dnaJ homolog 1, mitochondria	not DE	not DE	not DE	not DE
EVM0018807	LG11	dnaJ homolog subfamily B mem	not DE	not DE	not DE	not DE
EVM0023613	LG11	dnaJ homolog subfamily C mem	not DE	not DE	not DE	not DE
EVM0016110	LG11	dnaJ homolog subfamily C mem	not DE	not DE	not DE	not DE
EVM0018750	LG11	dof zinc finger protein DOF2	not DE	not DE	not DE	not DE
EVM0008772	LG11	dof zinc finger protein DOF5	not DE	not DE	not DE	not DE
EVM0017006	LG11	elongation factor G, chlorop	not DE	not DE	not DE	not DE
EVM0013839	LG11	enolase superfamily member D	not DE	not DE	not DE	not DE
EVM0008896	LG11	ethylene-responsive transcri	not DE	not DE	-1.45692	0.00806
EVM0002147	LG11	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0009029	LG11	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0005604	LG11	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0018353	LG11	exocyst complex component EX	not DE	not DE	not DE	not DE
EVM0014235	LG11	expansin-A1 isoform X1	not DE	not DE	not DE	not DE
EVM0015082	LG11	expansin-A7-like	not DE	not DE	not DE	not DE
EVM0002728	LG11	expansin-like B1-like	not DE	not DE	not DE	not DE
EVM0013470	LG11	filaggrin-like isoform X1	not DE	not DE	-1.03034	0.00031
EVM0015900	LG11	flavin-containing monooxygen	not DE	not DE	not DE	not DE
EVM0021174	LG11	flavonol synthase/flavanone	not DE	not DE	not DE	not DE
EVM0001257	LG11	galactinol--sucrose galactos	not DE	not DE	not DE	not DE
EVM0019804	LG11	galactoside 2-alpha-L-fucosy	not DE	not DE	not DE	not DE
EVM0010497	LG11	gamma-interferon-inducible l	not DE	not DE	not DE	not DE
EVM0004998	LG11	geraniol 8-hydroxylase-like	not DE	not DE	not DE	not DE
EVM0009017	LG11	geraniol 8-hydroxylase-like	not DE	not DE	not DE	not DE
EVM0009220	LG11	geraniol 8-hydroxylase-like	not DE	not DE	not DE	not DE
EVM0016054	LG11	geraniol 8-hydroxylase-like	not DE	not DE	not DE	not DE
EVM0019325	LG11	geraniol 8-hydroxylase-like	not DE	not DE	not DE	not DE
EVM0004433	LG11	geraniol 8-hydroxylase-like	not DE	not DE	not DE	not DE
EVM0012372	LG11	geraniol 8-hydroxylase-like	not DE	not DE	not DE	not DE
EVM0004216	LG11	geranylgeranyl diphosphate r	-1.5704	0.009005	not DE	not DE
EVM0006525	LG11	germin-like protein subfamil	-1.24532	0.006897	not DE	not DE
EVM0014385	LG11	glucan endo-1,3-beta-glucosi	not DE	not DE	not DE	not DE
EVM0011046	LG11	glutamate decarboxylase 5-li	not DE	not DE	not DE	not DE
EVM0009696	LG11	glutathione S-transferase U7	not DE	not DE	not DE	not DE
EVM0011045	LG11	guard cell S-type anion chan	not DE	not DE	not DE	not DE
EVM0013471	LG11	haloacid dehalogenase-like h	not DE	not DE	not DE	not DE
EVM0021429	LG11	haze protective factor 1-like	not DE	not DE	not DE	not DE
EVM0005725	LG11	heat shock protein 83-like	-3.352	0.003707	-3.37184	#####
EVM0020447	LG11	heme-binding protein 2-like	not DE	not DE	not DE	not DE
EVM0003746	LG11	high mobility group B protei	not DE	not DE	2.344624	0.03789
EVM0005686	LG11	histone acetyltransferase HA	not DE	not DE	not DE	not DE
EVM0001219	LG11	histone deacetylase 15-like	not DE	not DE	not DE	not DE

EVM0022298	LG11	histone deacetylase 5-like i	not DE	not DE	not DE	not DE
EVM0003056	LG11	histone deacetylase complex	not DE	not DE	not DE	not DE
EVM0012672	LG11	histone-lysine N-methyltrans	not DE	not DE	not DE	not DE
EVM0005125	LG11	homeobox-leucine zipper prot	not DE	not DE	not DE	not DE
EVM0011066	LG11	hydroquinone glucosyltransfe	not DE	not DE	not DE	not DE
EVM0004231	LG11	isochorismate synthase, chl	not DE	not DE	not DE	not DE
EVM0013053	LG11	jmjC domain-containing prote	not DE	not DE	not DE	not DE
EVM0024330	LG11	kelch domain-containing prot	not DE	not DE	not DE	not DE
EVM0007065	LG11	kinesin-4-like isoform X1	-1.0224	0.009989	not DE	not DE
EVM0002355	LG11	kinesin-like protein KIF18B-	not DE	not DE	not DE	not DE
EVM0005102	LG11	laccase-4	not DE	not DE	not DE	not DE
EVM0006901	LG11	light-mediated development p	not DE	not DE	not DE	not DE
EVM0004795	LG11	lignin-forming anionic perox	not DE	not DE	not DE	not DE
EVM0001634	LG11	lipid transfer-like protein	not DE	not DE	not DE	not DE
EVM0009612	LG11	lon protease homolog 2, per	not DE	not DE	not DE	not DE
EVM0014258	LG11	lysM domain receptor-like ki	not DE	not DE	not DE	not DE
EVM0001260	LG11	lysM domain receptor-like ki	not DE	not DE	not DE	not DE
EVM0006304	LG11	lysM domain receptor-like ki	not DE	not DE	not DE	not DE
EVM0019436	LG11	lysM domain receptor-like ki	not DE	not DE	not DE	not DE
EVM0021996	LG11	lysM domain receptor-like ki	not DE	not DE	not DE	not DE
EVM0003781	LG11	lysine-specific demethylase	not DE	not DE	not DE	not DE
EVM0006067	LG11	lysine-specific demethylase	not DE	not DE	not DE	not DE
EVM0019159	LG11	malate synthase, glyoxysomal	not DE	not DE	not DE	not DE
EVM0004790	LG11	maspardin-like isoform X1	not DE	not DE	not DE	not DE
EVM0011110	LG11	mavicyanin-like	not DE	not DE	not DE	not DE
EVM0011754	LG11	mavicyanin-like	not DE	not DE	not DE	not DE
EVM0018480	LG11	mavicyanin-like	not DE	not DE	not DE	not DE
EVM0021484	LG11	mavicyanin-like	not DE	not DE	not DE	not DE
EVM0010926	LG11	mediator of RNA polymerase I	not DE	not DE	not DE	not DE
EVM0019018	LG11	mediator of RNA polymerase I	not DE	not DE	not DE	not DE
EVM0021150	LG11	mediator of RNA polymerase I	not DE	not DE	not DE	not DE
EVM0021163	LG11	mediator-associated protein	not DE	not DE	not DE	not DE
EVM0010957	LG11	meiotic recombination protei	not DE	not DE	not DE	not DE
EVM0024461	LG11	membrane-bound O-acyltransfe	-1.09026	8.87E-06	not DE	not DE
EVM0013966	LG11	metal-nicotianamine transpor	-1.25222	0.02994	not DE	not DE
EVM0023618	LG11	metalloendoprotease 1-like	not DE	not DE	not DE	not DE
EVM0023506	LG11	methylsterol monooxygenase I	not DE	not DE	not DE	not DE
EVM0017054	LG11	micronuclear linker histone	not DE	not DE	not DE	not DE
EVM0012010	LG11	microtubule-associated prote	not DE	not DE	not DE	not DE
EVM0020212	LG11	microtubule-associated prote	not DE	not DE	not DE	not DE
EVM0020550	LG11	microtubule-associated prote	not DE	not DE	not DE	not DE
EVM0008080	LG11	mitochondrial 37S ribosomal	not DE	not DE	not DE	not DE
EVM0007307	LG11	mitochondrial adenine nucle	not DE	not DE	not DE	not DE
EVM0010088	LG11	mitochondrial import inner m	not DE	not DE	not DE	not DE
EVM0022208	LG11	mitogen-activated protein ki	not DE	not DE	-2.22329	0.00179
EVM0010396	LG11	mitogen-activated protein ki	not DE	not DE	not DE	not DE
EVM0018588	LG11	mitogen-activated protein ki	not DE	not DE	not DE	not DE
EVM0019111	LG11	myb-related protein P-like	not DE	not DE	not DE	not DE
EVM0017031	LG11	myosin-1-like isoform X1	not DE	not DE	not DE	not DE
EVM0019088	LG11	myosin-11-like isoform X1	not DE	not DE	not DE	not DE
EVM0000900	LG11	myosin-12	not DE	not DE	not DE	not DE
EVM0005061	LG11	myosin-2 heavy chain-like is	not DE	not DE	not DE	not DE
EVM0013863	LG11	myosin-2 heavy chain-like is	not DE	not DE	not DE	not DE
EVM0014399	LG11	myosin-2 heavy chain-like is	not DE	not DE	not DE	not DE

EVM0018625	LG11	myosin-2 heavy chain-like is	not DE	not DE	not DE	not DE
EVM0011499	LG11	non-specific lipid-transfer	not DE	not DE	not DE	not DE
EVM0022809	LG11	nucleolar and coiled-body ph	not DE	not DE	2.338086	0.0165
EVM0022053	LG11	nucleolar protein 56-like is	1.174542	0.031508	not DE	not DE
EVM0003436	LG11	nudix hydrolase 14, chloropl	not DE	not DE	not DE	not DE
EVM0015339	LG11	ocs element-binding factor l	not DE	not DE	not DE	not DE
EVM0001987	LG11	oleosin 18.2 kDa-like	not DE	not DE	not DE	not DE
EVM0009791	LG11	oligopeptide transporter 5-l	not DE	not DE	not DE	not DE
EVM0011207	LG11	oligopeptide transporter 5-l	not DE	not DE	not DE	not DE
EVM0011418	LG11	omega-3 fatty acid desaturas	not DE	not DE	not DE	not DE
EVM0013602	LG11	omega-3 fatty acid desaturas	not DE	not DE	not DE	not DE
EVM0020402	LG11	organic cation/carnitine tran	not DE	not DE	not DE	not DE
EVM0004241	LG11	organic cation/carnitine tran	not DE	not DE	not DE	not DE
EVM0001689	LG11	outer envelope protein 64, c	not DE	not DE	not DE	not DE
EVM0017337	LG11	oxalate--CoA ligase-like	not DE	not DE	not DE	not DE
EVM0011814	LG11	oxysterol-binding protein-re	not DE	not DE	not DE	not DE
EVM0014802	LG11	pachytene checkpoint protein	not DE	not DE	not DE	not DE
EVM0007942	LG11	palmitoyl-protein thioestera	not DE	not DE	not DE	not DE
EVM0019047	LG11	pectinesterase 3-like	not DE	not DE	not DE	not DE
EVM0005916	LG11	pentatricopeptide repeat-con	1.666906	0.005827	not DE	not DE
EVM0023674	LG11	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0006511	LG11	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0001528	LG11	pentatricopeptide repeat-con	1.407054	0.018614	not DE	not DE
EVM0012765	LG11	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0024137	LG11	pentatricopeptide repeat-con	1.56934	1.61E-05	not DE	not DE
EVM0006793	LG11	pentatricopeptide repeat-con	1.768913	0.041215	not DE	not DE
EVM0013299	LG11	pentatricopeptide repeat-con	1.524175	0.012735	not DE	not DE
EVM0021153	LG11	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0014507	LG11	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0020102	LG11	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0003819	LG11	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0000838	LG11	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0012626	LG11	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0006553	LG11	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0008627	LG11	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0015116	LG11	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0002008	LG11	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0013943	LG11	pentatricopeptide repeat-con	1.779882	0.040708	not DE	not DE
EVM0017540	LG11	peptide methionine sulfoxide	not DE	not DE	not DE	not DE
EVM0008197	LG11	peptidyl-prolyl cis-trans is	not DE	not DE	not DE	not DE
EVM0018866	LG11	peptidyl-prolyl cis-trans is	not DE	not DE	not DE	not DE
EVM0003305	LG11	peptidyl-prolyl cis-trans is	not DE	not DE	not DE	not DE
EVM0022853	LG11	peptidyl-prolyl cis-trans is	1.204272	0.016801	not DE	not DE
EVM0001599	LG11	peptidyl-tRNA hydrolase ICTl	not DE	not DE	not DE	not DE
EVM0003130	LG11	peroxidase 41-like	not DE	not DE	not DE	not DE
EVM0009305	LG11	peroxisomal membrane protein	not DE	not DE	not DE	not DE
EVM0010605	LG11	pescadillo homolog	not DE	not DE	not DE	not DE
EVM0004006	LG11	phosphatidylinositol glycan	not DE	not DE	not DE	not DE
EVM0022320	LG11	phosphatidylinositol/phospha	not DE	not DE	not DE	not DE
EVM0014454	LG11	phosphatidylserine decarboxy	not DE	not DE	not DE	not DE
EVM0022227	LG11	phosphoinositide phospholipa	not DE	not DE	1.188171	0.03232
EVM0019637	LG11	phospholipase A1-Ibeta2, chl	not DE	not DE	not DE	not DE
EVM0023612	LG11	phosphopantothenoylcysteine	not DE	not DE	not DE	not DE
EVM0018013	LG11	plasminogen activator inhibi	not DE	not DE	not DE	not DE

EVM0006644	LG11	plastid division protein CDP	not DE	not DE	not DE	not DE
EVM0011712	LG11	pleckstrin homology domain-c	not DE	not DE	not DE	not DE
EVM0018952	LG11	pollen-specific protein SF3-	not DE	not DE	2.283682	0.0025
EVM0017891	LG11	poly(U)-specific endoribonuc	not DE	not DE	not DE	not DE
EVM0002372	LG11	potassium transporter 2-like	not DE	not DE	not DE	not DE
EVM0020751	LG11	presenilin-like protein At2g	not DE	not DE	not DE	not DE
EVM0001330	LG11	presqualene diphosphate phos	not DE	not DE	not DE	not DE
EVM0006932	LG11	presqualene diphosphate phos	not DE	not DE	not DE	not DE
EVM0010108	LG11	primary amine oxidase-like	not DE	not DE	not DE	not DE
EVM0016993	LG11	primary amine oxidase-like	not DE	not DE	not DE	not DE
EVM0006175	LG11	probable 1-aminocyclopropane	not DE	not DE	not DE	not DE
EVM0002976	LG11	probable ADP-ribosylation fa	-1.14881	0.003789	not DE	not DE
EVM0015508	LG11	probable ADP-ribosylation fa	not DE	not DE	not DE	not DE
EVM0019030	LG11	probable ADP-ribosylation fa	not DE	not DE	not DE	not DE
EVM0021450	LG11	probable ATP-dependent RNA h	not DE	not DE	not DE	not DE
EVM0007651	LG11	probable E3 ubiquitin-protein	not DE	not DE	not DE	not DE
EVM0020715	LG11	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0022411	LG11	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0011952	LG11	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0001562	LG11	probable N-acetyltransferase	not DE	not DE	not DE	not DE
EVM0005742	LG11	probable N-acetyltransferase	not DE	not DE	not DE	not DE
EVM0014646	LG11	probable acyl-activating enz	not DE	not DE	not DE	not DE
EVM0018343	LG11	probable apyrase 7-like isof	not DE	not DE	not DE	not DE
EVM0021229	LG11	probable aquaporin TIP2-2	not DE	not DE	not DE	not DE
EVM0013258	LG11	probable aspartyl aminopepti	not DE	not DE	not DE	not DE
EVM0003635	LG11	probable beta-1,3-galactosyl	not DE	not DE	not DE	not DE
EVM0023732	LG11	probable boron transporter 2	not DE	not DE	not DE	not DE
EVM0013271	LG11	probable calcium-binding pro	not DE	not DE	not DE	not DE
EVM0007317	LG11	probable carboxylesterase 12	not DE	not DE	not DE	not DE
EVM0020267	LG11	probable copper-transporting	not DE	not DE	not DE	not DE
EVM0008929	LG11	probable galactinol--sucrose	not DE	not DE	not DE	not DE
EVM0006351	LG11	probable galacturonosyltrans	not DE	not DE	not DE	not DE
EVM0013625	LG11	probable glutathione peroxid	not DE	not DE	not DE	not DE
EVM0002543	LG11	probable inactive receptor k	not DE	not DE	not DE	not DE
EVM0009063	LG11	probable inactive receptor k	not DE	not DE	not DE	not DE
EVM0011213	LG11	probable inactive receptor k	not DE	not DE	not DE	not DE
EVM0020117	LG11	probable inactive receptor-l	not DE	not DE	not DE	not DE
EVM0013910	LG11	probable leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0009936	LG11	probable membrane-associated	not DE	not DE	not DE	not DE
EVM0014040	LG11	probable metal-nicotianamine	not DE	not DE	-1.74236	#####
EVM0018972	LG11	probable metal-nicotianamine	not DE	not DE	not DE	not DE
EVM0022259	LG11	probable peptide/nitrate tra	not DE	not DE	not DE	not DE
EVM0001414	LG11	probable peptide/nitrate tra	not DE	not DE	not DE	not DE
EVM0021753	LG11	probable phospholipid hydro	not DE	not DE	not DE	not DE
EVM0002134	LG11	probable polygalacturonase n	not DE	not DE	not DE	not DE
EVM0021513	LG11	probable protein phosphatase	not DE	not DE	not DE	not DE
EVM0007208	LG11	probable protein phosphatase	not DE	not DE	not DE	not DE
EVM0008414	LG11	probable protein phosphatase	5.037914	4.18E-13	not DE	not DE
EVM0003818	LG11	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0014445	LG11	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0016033	LG11	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0007988	LG11	probable receptor-like prote	not DE	not DE	1.265859	0.00543
EVM0019083	LG11	probable serine/threonine-pr	not DE	not DE	not DE	not DE
EVM0004312	LG11	probable serine/threonine-pr	-2.46194	0.015752	not DE	not DE

EVM0004453	LG11	probable serine/threonine-pro	not DE	not DE	not DE	not DE
EVM0023165	LG11	probable succinyl-CoA ligase	not DE	not DE	not DE	not DE
EVM0004787	LG11	prostaglandin E synthase 2-l	not DE	not DE	not DE	not DE
EVM0007185	LG11	protease Do-like 9-like isof	not DE	not DE	not DE	not DE
EVM0017581	LG11	protease Do-like 9-like isof	not DE	not DE	not DE	not DE
EVM0002311	LG11	protein ABIL2-like	not DE	not DE	not DE	not DE
EVM0002848	LG11	protein ASPARTIC PROTEASE IN	not DE	not DE	not DE	not DE
EVM0003871	LG11	protein ASPARTIC PROTEASE IN	not DE	not DE	not DE	not DE
EVM0016772	LG11	protein BEARSKIN1-like	-4.07879	8.77E-06	-3.2012	#####
EVM0005417	LG11	protein CHUP1, chloroplastid	not DE	not DE	not DE	not DE
EVM0014683	LG11	protein CHUP1, chloroplastid	not DE	not DE	not DE	not DE
EVM0020058	LG11	protein COBRA-like	not DE	not DE	not DE	not DE
EVM0020420	LG11	protein COBRA-like	not DE	not DE	not DE	not DE
EVM0007318	LG11	protein DEHYDRATION-INDUCED	not DE	not DE	not DE	not DE
EVM0006526	LG11	protein DENND6A-like isoform	not DE	not DE	not DE	not DE
EVM0002226	LG11	protein HOTHEAD-like isoform	-2.44918	0.003946	not DE	not DE
EVM0018808	LG11	protein IQ-DOMAIN 14-like	2.188551	4.98E-05	1.169435	0.00311
EVM0021003	LG11	protein LONGIFOLIA 1-like	not DE	not DE	not DE	not DE
EVM0015231	LG11	protein LURP-one-related 11-	not DE	not DE	not DE	not DE
EVM0006638	LG11	protein LURP-one-related 17-	8.635851	9.15E-06	not DE	not DE
EVM0007067	LG11	protein MODIFIER OF SNC1 1-l	not DE	not DE	not DE	not DE
EVM0015046	LG11	protein NRDE2 homolog	not DE	not DE	not DE	not DE
EVM0018051	LG11	protein O-linked-mannose bet	not DE	not DE	not DE	not DE
EVM0009533	LG11	protein O-linked-mannose bet	not DE	not DE	not DE	not DE
EVM0022173	LG11	protein PLANT CADMIUM RESIST	not DE	not DE	not DE	not DE
EVM0015397	LG11	protein PXR1	not DE	not DE	not DE	not DE
EVM0007918	LG11	protein RKD1-like	not DE	not DE	not DE	not DE
EVM0010826	LG11	protein ROS1-like isoform Xl	not DE	not DE	not DE	not DE
EVM0012708	LG11	protein SPA1-RELATED 2-like	not DE	not DE	not DE	not DE
EVM0012379	LG11	protein STRUBBELIG-RECEPTOR	not DE	not DE	not DE	not DE
EVM0013891	LG11	protein TIC 62, chloroplastid	-1.95882	0.010761	not DE	not DE
EVM0010557	LG11	protein TPX2-like isoform Xl	not DE	not DE	not DE	not DE
EVM0004896	LG11	protein WEAK CHLOROPLAST MOV	not DE	not DE	1.153171	0.01463
EVM0008291	LG11	protein YABBY 4	not DE	not DE	not DE	not DE
EVM0021042	LG11	protein YLS7-like	not DE	not DE	not DE	not DE
EVM0023223	LG11	protein YLS7-like	not DE	not DE	not DE	not DE
EVM0017859	LG11	protein YLS9-like	not DE	not DE	1.433466	0.01246
EVM0017523	LG11	protein arginine N-methyltra	not DE	not DE	not DE	not DE
EVM0004976	LG11	protein kinase 2B, chloropla	not DE	not DE	not DE	not DE
EVM0011264	LG11	protein kinase 2B, chloropla	not DE	not DE	not DE	not DE
EVM0003035	LG11	protein kish-like	not DE	not DE	not DE	not DE
EVM0016276	LG11	protein-L-isoaspartate O-met	not DE	not DE	not DE	not DE
EVM0003148	LG11	puromycin-sensitive aminopep	not DE	not DE	not DE	not DE
EVM0008737	LG11	purple acid phosphatase 17-l	not DE	not DE	1.934391	0.02941
EVM0007157	LG11	putative 3,4-dihydroxy-2-but	not DE	not DE	not DE	not DE
EVM0001300	LG11	putative ATP-dependent helic	not DE	not DE	not DE	not DE
EVM0001141	LG11	putative E3 ubiquitin-protein	not DE	not DE	not DE	not DE
EVM0006557	LG11	putative E3 ubiquitin-protein	not DE	not DE	not DE	not DE
EVM0016729	LG11	putative E3 ubiquitin-protein	not DE	not DE	not DE	not DE
EVM0014053	LG11	putative L-type lectin-domai	not DE	not DE	not DE	not DE
EVM0018379	LG11	putative L-type lectin-domai	not DE	not DE	not DE	not DE
EVM0002669	LG11	putative RING-H2 finger prot	not DE	not DE	not DE	not DE
EVM0005379	LG11	putative RING-H2 finger prot	not DE	not DE	not DE	not DE
EVM0009168	LG11	putative RING-H2 finger prot	not DE	not DE	not DE	not DE



EVM0015264	LG11	putative RING-H2 finger prot	not DE	not DE	not DE	not DE
EVM0016557	LG11	putative RING-H2 finger prot	not DE	not DE	not DE	not DE
EVM0018276	LG11	putative RING-H2 finger prot	not DE	not DE	not DE	not DE
EVM0003700	LG11	putative RING-H2 finger prot	not DE	not DE	not DE	not DE
EVM0006833	LG11	putative RING-H2 finger prot	not DE	not DE	not DE	not DE
EVM0016824	LG11	putative RING-H2 finger prot	not DE	not DE	not DE	not DE
EVM0006983	LG11	putative RING-H2 finger prot	not DE	not DE	not DE	not DE
EVM0016204	LG11	putative U-box domain-contain	not DE	not DE	not DE	not DE
EVM0018501	LG11	putative disease resistance	not DE	not DE	not DE	not DE
EVM0023698	LG11	putative exosome complex com	not DE	not DE	not DE	not DE
EVM0015380	LG11	putative glycerol-3-phosphat	not DE	not DE	not DE	not DE
EVM0024521	LG11	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0015040	LG11	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0020373	LG11	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0017055	LG11	putative ribonuclease H prot	not DE	not DE	not DE	not DE
EVM0017322	LG11	quinolinate synthase, chloro	not DE	not DE	not DE	not DE
EVM0005599	LG11	rab3 GTPase-activating prote	not DE	not DE	not DE	not DE
EVM0024145	LG11	radical S-adenosyl methionin	not DE	not DE	not DE	not DE
EVM0022661	LG11	ras-related protein RABA6a-l	not DE	not DE	not DE	not DE
EVM0000640	LG11	ras-related protein RABD2a-l	not DE	not DE	not DE	not DE
EVM0006292	LG11	ras-related protein Rab11C-l	not DE	not DE	not DE	not DE
EVM0023545	LG11	replication protein A 70 kDa	not DE	not DE	not DE	not DE
EVM0016386	LG11	reticulon-like protein B2-li	not DE	not DE	not DE	not DE
EVM0015455	LG11	rhodanese-like domain-contain	not DE	not DE	not DE	not DE
EVM0022565	LG11	rhomboid protein 1, mitochon	not DE	not DE	not DE	not DE
EVM0001560	LG11	ribulose-phosphate 3-epimera	not DE	not DE	not DE	not DE
EVM0006619	LG11	scarecrow-like protein 14-li	2.005457	0.001134	not DE	not DE
EVM0011858	LG11	scarecrow-like protein 27-li	not DE	not DE	not DE	not DE
EVM0013538	LG11	scarecrow-like protein 27-li	not DE	not DE	not DE	not DE
EVM0009204	LG11	scarecrow-like protein 9-lik	not DE	not DE	not DE	not DE
EVM0000878	LG11	selT-like protein-like	not DE	not DE	not DE	not DE
EVM0011572	LG11	selT-like protein-like	not DE	not DE	not DE	not DE
EVM0000766	LG11	serine protease SPPA, chloro	not DE	not DE	not DE	not DE
EVM0013262	LG11	serine racemase-like isoform	2.007605	0.00811	not DE	not DE
EVM0005090	LG11	serine/arginine-rich splicing	not DE	not DE	not DE	not DE
EVM0012780	LG11	serine/arginine-rich splicing	-1.85627	3.75E-07	-1.30249	#####
EVM0000390	LG11	serine/threonine protein pho	not DE	not DE	not DE	not DE
EVM0013033	LG11	serine/threonine protein pho	not DE	not DE	not DE	not DE
EVM0001925	LG11	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0010771	LG11	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0023481	LG11	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0015087	LG11	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0000393	LG11	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0014349	LG11	serine/threonine-protein kin	1.432994	0.017188	1.276063	#####
EVM0001678	LG11	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0001888	LG11	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0020874	LG11	serine/threonine-protein pho	not DE	not DE	not DE	not DE
EVM0009507	LG11	serine/threonine-protein pho	not DE	not DE	not DE	not DE
EVM0020992	LG11	signaling mucin MSB2-like	not DE	not DE	not DE	not DE
EVM0022131	LG11	single-stranded DNA-binding	not DE	not DE	not DE	not DE
EVM0004828	LG11	small heat shock protein, ch	-3.50318	2.42E-06	-2.96403	#####
EVM0009756	LG11	snurportin-1-like isoform X1	not DE	not DE	not DE	not DE
EVM0016813	LG11	sperm-associated antigen 1-l	not DE	not DE	not DE	not DE
EVM0013993	LG11	sufE-like protein, chloropla	not DE	not DE	not DE	not DE

EVM0016471	LG11	sufE-like protein, chloroplast	not DE	not DE	not DE	not DE
EVM0004567	LG11	superkiller viralicidic actin	not DE	not DE	not DE	not DE
EVM0020932	LG11	superkiller viralicidic actin	not DE	not DE	not DE	not DE
EVM0019346	LG11	tRNA 2'-phosphotransferase	not DE	not DE	not DE	not DE
EVM0002979	LG11	tetraspanin-11-like	not DE	not DE	not DE	not DE
EVM0019177	LG11	tetraspanin-11-like	not DE	not DE	not DE	not DE
EVM0023259	LG11	thioredoxin-like 1-2, chloroplast	not DE	not DE	not DE	not DE
EVM0004773	LG11	transcription factor LHW-like	not DE	not DE	not DE	not DE
EVM0003042	LG11	transcription factor MYB1R1-like	not DE	not DE	not DE	not DE
EVM0009363	LG11	transcription factor MYB1R1-like	not DE	not DE	not DE	not DE
EVM0007216	LG11	transcription factor MYB39-like	not DE	not DE	not DE	not DE
EVM0000940	LG11	transcription factor MYB98-like	not DE	not DE	not DE	not DE
EVM0007420	LG11	transcription factor PRE3-like	not DE	not DE	not DE	not DE
EVM0015115	LG11	transcription factor PRE3-like	not DE	not DE	not DE	not DE
EVM0018997	LG11	transcription factor TCP15	not DE	not DE	not DE	not DE
EVM0002132	LG11	transcription factor bHLH47-like	not DE	not DE	not DE	not DE
EVM0014080	LG11	transcription factor bHLH79-like	not DE	not DE	not DE	not DE
EVM0020384	LG11	transcription initiation factor	not DE	not DE	1.815185	0.04626
EVM0020636	LG11	transcription initiation factor	not DE	not DE	not DE	not DE
EVM0003719	LG11	transcription initiation factor	not DE	not DE	not DE	not DE
EVM0001507	LG11	translation initiation factor	not DE	not DE	1.20751	0.00021
EVM0013420	LG11	transportin-3-like isoform X1	not DE	not DE	not DE	not DE
EVM0007750	LG11	trehalase-like isoform X2	not DE	not DE	not DE	not DE
EVM0023171	LG11	trehalase-like isoform X2	not DE	not DE	not DE	not DE
EVM0011456	LG11	triose phosphate/phosphate translocator	not DE	not DE	not DE	not DE
EVM0022374	LG11	triosephosphate isomerase, chloroplast	not DE	not DE	not DE	not DE
EVM0006200	LG11	tropinone reductase homolog	not DE	not DE	2.154428	#####
EVM0004467	LG11	tropinone reductase homolog	not DE	not DE	not DE	not DE
EVM0008411	LG11	tropinone reductase homolog	7.747381	0.009514	not DE	not DE
EVM0014867	LG11	tropinone reductase homolog	not DE	not DE	not DE	not DE
EVM0017112	LG11	tropinone reductase homolog	not DE	not DE	not DE	not DE
EVM0019229	LG11	tropinone reductase homolog	not DE	not DE	not DE	not DE
EVM0003431	LG11	tropinone reductase homolog	not DE	not DE	not DE	not DE
EVM0013830	LG11	tropomyosin-like isoform X1	not DE	not DE	not DE	not DE
EVM0007427	LG11	tubulin beta chain	not DE	not DE	not DE	not DE
EVM0014242	LG11	ubiquitin-activating enzyme	not DE	not DE	not DE	not DE
EVM0006384	LG11	ubiquitin-conjugating enzyme	not DE	not DE	not DE	not DE
EVM0013466	LG11	uncharacterized aarF domain	not DE	not DE	not DE	not DE
EVM0017965	LG11	uncharacterized endoplasmic reticulum chaperone	not DE	not DE	not DE	not DE
EVM0016258	LG11	uncharacterized endoplasmic reticulum chaperone	not DE	not DE	not DE	not DE
EVM0020930	LG11	uncharacterized protein At1g16320	not DE	not DE	not DE	not DE
EVM0010529	LG11	uncharacterized protein At4g16320	not DE	not DE	not DE	not DE
EVM0020963	LG11	uncharacterized protein At5g16320	not DE	not DE	not DE	not DE
EVM0018036	LG11	uncharacterized protein At5g16320	not DE	not DE	not DE	not DE
EVM0020136	LG11	uncharacterized protein C24B01.1	not DE	not DE	not DE	not DE
EVM0011414	LG11	uncharacterized protein DDB1	not DE	not DE	not DE	not DE
EVM0012111	LG11	uncharacterized protein LOC101928251	-1.2207	0.034963	not DE	not DE
EVM0017904	LG11	uncharacterized protein LOC101928251	not DE	not DE	1.434566	0.04416
EVM0012585	LG11	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0013154	LG11	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0016721	LG11	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0021111	LG11	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0004587	LG11	uncharacterized protein LOC101928251	not DE	not DE	1.358737	0.00653
EVM0013279	LG11	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE

EVM0004697	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004841	LG11	uncharacterized protein LOC1	not DE	not DE	1.023633	0.01049
EVM0018426	LG11	uncharacterized protein LOC1	1.504169	5.02E-05	not DE	not DE
EVM0008769	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006543	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014755	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015461	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006746	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011788	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006340	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013807	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022000	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001143	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021887	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018794	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007243	LG11	uncharacterized protein LOC1	-2.20532	0.014771	not DE	not DE
EVM0000658	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016762	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014434	LG11	uncharacterized protein LOC1	1.053717	0.000117	not DE	not DE
EVM0003376	LG11	uncharacterized protein LOC1	1.121032	0.007585	not DE	not DE
EVM0021955	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010000	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016550	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005781	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001907	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014293	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011135	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007617	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004403	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011504	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022062	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006248	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018213	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010259	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009837	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000051	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002725	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009879	LG11	uncharacterized protein LOC1	not DE	not DE	-2.04175	#####
EVM0011778	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002490	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015918	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007315	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018216	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015179	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010042	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015185	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000913	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010742	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006221	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012985	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003817	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019065	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013725	LG11	uncharacterized protein LOC1	not DE	not DE	-1.10932	#####
EVM0012818	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE

EVM0021704	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010918	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009834	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011729	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023865	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015325	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013573	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002465	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020608	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007709	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014607	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023462	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007669	LG11	uncharacterized protein LOC1	not DE	not DE	-1.35143	#####
EVM0021149	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017657	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021911	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020348	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020272	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013236	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021667	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021514	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014690	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002824	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003555	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015247	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001854	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008593	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018661	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023057	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015084	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002354	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005407	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016053	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014216	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022354	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004985	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000571	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004280	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008727	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010662	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021171	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004941	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014001	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005134	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020285	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024022	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013214	LG11	uncharacterized protein LOC1	not DE	not DE	1.044749	#####
EVM0004048	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020363	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005770	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014394	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002162	LG11	uncharacterized protein LOC1	not DE	not DE	1.096767	0.00471
EVM0022470	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018810	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE

EVM0009093	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005687	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021938	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001932	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019006	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016732	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008465	LG11	uncharacterized protein LOC1	2.293185	4.86E-06	not DE	not DE
EVM0007662	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000407	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015557	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022002	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011599	LG11	uncharacterized protein LOC1	1.190057	0.018702	not DE	not DE
EVM0018511	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012440	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010690	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022046	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004316	LG11	uncharacterized protein LOC1	-1.26538	0.009022	not DE	not DE
EVM0008612	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009203	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015216	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000304	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020737	LG11	uncharacterized protein LOC1	not DE	not DE	1.540901	0.02137
EVM0002488	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015817	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015340	LG11	uncharacterized protein LOC1	7.089949	2.70E-05	not DE	not DE
EVM0015757	LG11	uncharacterized protein LOC1	not DE	not DE	1.050854	0.01809
EVM0023490	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004725	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005812	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014423	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005360	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003828	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004419	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009872	LG11	uncharacterized protein LOC1	not DE	not DE	2.089374	#####
EVM0008687	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000118	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016567	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003789	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006152	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004904	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011304	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024589	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021773	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009706	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003419	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000336	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023626	LG11	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024369	LG11	ureidoglycine aminohydrolase	not DE	not DE	not DE	not DE
EVM0013449	LG11	uridine-cytidine kinase C-li	not DE	not DE	not DE	not DE
EVM0012210	LG11	vacuolar cation/proton excha	not DE	not DE	not DE	not DE
EVM0011643	LG11	vacuolar protein sorting-ass	not DE	not DE	not DE	not DE
EVM0020463	LG11	vacuolar protein sorting-ass	not DE	not DE	not DE	not DE
EVM0015567	LG11	vacuolar-processing enzyme-l	not DE	not DE	not DE	not DE
EVM0012456	LG11	vesicle transport v-SNARE 13	not DE	not DE	not DE	not DE

EVM0015818	LG11	vesicle-associated protein 2	not DE	not DE	not DE	not DE
EVM0000154	LG11	villin-1-like	-1.37514	0.013964	not DE	not DE
EVM0020603	LG11	zinc finger A20 and AN1 domain	not DE	not DE	not DE	not DE
EVM0000944	LG11	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0015851	LG11	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0009556	LG11	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0003595	LG11	zinc finger CCCH domain-cont	not DE	not DE	-1.05573	#####
EVM0004555	LG11	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0011923	LG11	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0012309	LG11	zinc finger protein CONSTANS	not DE	not DE	not DE	not DE
EVM0002017	LG11	zinc-finger homeodomain prot	not DE	not DE	not DE	not DE
EVM0016614	LG11	1-aminocyclopropane-1-carboxy	not DE	not DE	not DE	not DE
EVM0013740	LG11	14 kDa proline-rich protein D	not DE	not DE	not DE	not DE
EVM0014858	LG11	14 kDa proline-rich protein D	not DE	not DE	not DE	not DE
EVM0013487	LG11	16.6 kDa heat shock	not DE	not DE	not DE	not DE
EVM0006448	LG11	17.5 kd heat shock family pro	-4.07605	4.17E-06	-2.9194	#####
EVM0010646	LG11	3-ketoacyl-acyl carrier prote	not DE	not DE	not DE	not DE
EVM0016027	LG11	30S ribosomal protein S15 (ch	not DE	not DE	not DE	not DE
EVM0018261	LG11	40S ribosomal protein S7	not DE	not DE	not DE	not DE
EVM0014180	LG11	ADP-glucose pyrophosphorylase	not DE	not DE	not DE	not DE
EVM0014711	LG11	APETALA1	not DE	not DE	not DE	not DE
EVM0002964	LG11	ATP binding microtubule motor	not DE	not DE	not DE	not DE
EVM0014652	LG11	ATP synthase CF1 epsilon subu	-2.45948	0.02625	not DE	not DE
EVM0017991	LG11	ATP-binding cassette transport	not DE	not DE	not DE	not DE
EVM0013447	LG11	ATP-dependent caseinolytic pr	not DE	not DE	not DE	not DE
EVM0011424	LG11	ATP-dependent helicase/nuclea	not DE	not DE	not DE	not DE
EVM0018504	LG11	ATPase E1-E2 type family prot	not DE	not DE	not DE	not DE
EVM0019844	LG11	ATPase E1-E2 type family prot	not DE	not DE	not DE	not DE
EVM0016499	LG11	Adenine nucleotide alpha hydr	not DE	not DE	not DE	not DE
EVM0008539	LG11	Adenine phosphoribosyl transf	not DE	not DE	not DE	not DE
EVM0005782	LG11	Alpha-glucan phosphorylase, H	1.425546	0.003698	1.271315	0.00031
EVM0020991	LG11	Alpha/beta-Hydrolases superfam	not DE	not DE	not DE	not DE
EVM0023213	LG11	Ammonium transporter 1 member	not DE	not DE	2.435769	0.00202
EVM0009001	LG11	Ankyrin repeat and KH domain-	not DE	not DE	not DE	not DE
EVM0006607	LG11	Ankyrin repeat family protein	not DE	not DE	not DE	not DE
EVM0005759	LG11	Autophagy-related 8f -like pr	not DE	not DE	not DE	not DE
EVM0014554	LG11	Autophagy-related 8f -like pr	not DE	not DE	not DE	not DE
EVM0015664	LG11	Auxin efflux facilitator isof	not DE	not DE	not DE	not DE
EVM0016891	LG11	Auxin-induced protein 5NG4, p	not DE	not DE	not DE	not DE
EVM0023829	LG11	BCL-2-associated athanogene 1	not DE	not DE	1.596629	0.0022
EVM0023868	LG11	BCL-2-associated athanogene 4	not DE	not DE	not DE	not DE
EVM0010730	LG11	BR enhanced expression 1	2.300513	0.037412	not DE	not DE
EVM0018646	LG11	Basic helix-loop-helix DNA-bi	not DE	not DE	not DE	not DE
EVM0013758	LG11	Bidirectional sugar transport	not DE	not DE	not DE	not DE
EVM0000897	LG11	Bifunctional inhibitor/lipid-	not DE	not DE	not DE	not DE
EVM0014135	LG11	Blue copper protein precursor	not DE	not DE	not DE	not DE
EVM0021645	LG11	BnaA08g22720D	not DE	not DE	not DE	not DE
EVM0022944	LG11	BnaA09g11420D	not DE	not DE	not DE	not DE
EVM0012969	LG11	BnaAnng20920D	not DE	not DE	1.184608	#####
EVM0006720	LG11	BnaC04g40780D	not DE	not DE	not DE	not DE
EVM0018087	LG11	BnaC04g40780D	not DE	not DE	not DE	not DE
EVM0018093	LG11	C2H2-like zinc finger protein	not DE	not DE	not DE	not DE
EVM0020377	LG11	C2H2-like zinc finger protein	not DE	not DE	not DE	not DE
EVM0015622	LG11	CAAX amino terminal protease	not DE	not DE	not DE	not DE

EVM0002591	LG11	CBF/DREB-like transcription f	not DE	not DE	not DE	not DE
EVM0002707	LG11	CBF/DREB-like transcription f	not DE	not DE	not DE	not DE
EVM0005738	LG11	CBF/DREB-like transcription f	not DE	not DE	not DE	not DE
EVM0005981	LG11	CBF/DREB-like transcription f	not DE	not DE	not DE	not DE
EVM0017184	LG11	CBF/DREB-like transcription f	not DE	not DE	not DE	not DE
EVM0021981	LG11	CCT motif family protein iso	2.40279	0.03259	2.68202	#####
EVM0019791	LG11	CLP protease proteolytic subu	not DE	not DE	not DE	not DE
EVM0010855	LG11	CRINKLY4 related 3, putative	not DE	not DE	not DE	not DE
EVM0012411	LG11	Coiled-coil domain-containing	not DE	not DE	not DE	not DE
EVM0019068	LG11	Complex I subunit NDUFS6 iso	not DE	not DE	not DE	not DE
EVM0016116	LG11	Cyclic nucleotide-gated chann	not DE	not DE	not DE	not DE
EVM0023097	LG11	Cysteine proteinases superfam	not DE	not DE	not DE	not DE
EVM0016399	LG11	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0022806	LG11	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0023590	LG11	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0010909	LG11	Cytochrome P450 71A1	not DE	not DE	not DE	not DE
EVM0013367	LG11	Cytochrome P450 71A1	not DE	not DE	not DE	not DE
EVM0015059	LG11	Cytochrome P450 71A1	not DE	not DE	not DE	not DE
EVM0016330	LG11	Cytochrome P450 71A1	not DE	not DE	not DE	not DE
EVM0017291	LG11	Cytochrome P450 71A1	not DE	not DE	not DE	not DE
EVM0019319	LG11	Cytochrome P450 94A2	not DE	not DE	not DE	not DE
EVM0019179	LG11	Cytosolic enolase 3	not DE	not DE	not DE	not DE
EVM0013373	LG11	DNA binding protein, putative	not DE	not DE	not DE	not DE
EVM0022543	LG11	DNA-binding family protein	not DE	not DE	not DE	not DE
EVM0006999	LG11	DUF674 family protein	not DE	not DE	not DE	not DE
EVM0023033	LG11	DWNN domain isoform 1	not DE	not DE	not DE	not DE
EVM0003737	LG11	Dehydrodolichyl diphosphate s	not DE	not DE	not DE	not DE
EVM0017489	LG11	Dihydroorotase, mitochondrial	not DE	not DE	not DE	not DE
EVM0021935	LG11	Dihydroorotase, mitochondrial	not DE	not DE	not DE	not DE
EVM0017761	LG11	Disease resistance protein fa	not DE	not DE	not DE	not DE
EVM0023012	LG11	Dof-type zinc finger DNA-bind	not DE	not DE	not DE	not DE
EVM0006062	LG11	Dolichyl-diphosphooligosaccha	not DE	not DE	-1.24621	#####
EVM0016900	LG11	Duplicated homeodomain-like s	not DE	not DE	not DE	not DE
EVM0008752	LG11	Dynamin-like family protein	not DE	not DE	not DE	not DE
EVM0024012	LG11	Elicitor-responsive protein,	not DE	not DE	not DE	not DE
EVM0019994	LG11	Elongator complex 3 -like pro	not DE	not DE	not DE	not DE
EVM0011867	LG11	Endoglucanase	not DE	not DE	not DE	not DE
EVM0015659	LG11	Error-prone DNA polymerase	not DE	not DE	not DE	not DE
EVM0005583	LG11	Exostosin family protein	not DE	not DE	not DE	not DE
EVM0017975	LG11	F-box family protein isoform	not DE	not DE	not DE	not DE
EVM0006360	LG11	FAD-binding Berberine family	not DE	not DE	not DE	not DE
EVM0020222	LG11	Flavin-binding monooxygenase	not DE	not DE	not DE	not DE
EVM0021867	LG11	G patch domain-containing 3	not DE	not DE	not DE	not DE
EVM0001833	LG11	GDSL-motif lipase/hydrolase f	not DE	not DE	not DE	not DE
EVM0010917	LG11	GRAS family transcription fac	not DE	not DE	not DE	not DE
EVM0001410	LG11	Gag-Pol	not DE	not DE	not DE	not DE
EVM0001191	LG11	Galactose oxidase/kelch repea	not DE	not DE	not DE	not DE
EVM0003082	LG11	Galactosyltransferase family	-1.41308	0.000114	not DE	not DE
EVM0011575	LG11	Glutaredoxin family protein,	not DE	not DE	not DE	not DE
EVM0023409	LG11	Glycosyl hydrolase family pro	not DE	not DE	not DE	not DE
EVM0004283	LG11	Growth-regulating factor 2	not DE	not DE	not DE	not DE
EVM0005409	LG11	H(+)-ATPase 11 isoform 1	not DE	not DE	not DE	not DE
EVM0011458	LG11	HCP-like superfamily protein	not DE	not DE	not DE	not DE
EVM0006954	LG11	HSP20-like chaperones superfa	-3.88097	8.09E-11	-2.38088	#####

EVM0009859	LG11	HSP20-like chaperones superfa	-6.55966	1.59E-06	-4.14	0.00012
EVM0021002	LG11	HSP20-like chaperones superfa	-5.90482	0.000403	-3.79548	#####
EVM0008551	LG11	HXXXD-type acyl-transferase f	not DE	not DE	not DE	not DE
EVM0011495	LG11	HXXXD-type acyl-transferase f	not DE	not DE	not DE	not DE
EVM0020785	LG11	Heat shock cognate protein 70	-6.09673	0.0005	not DE	not DE
EVM0021498	LG11	Heat shock cognate protein 70	-2.63335	0.002812	-2.55011	#####
EVM0013215	LG11	Heat shock protein STI	-1.6212	0.022527	-2.52635	0.01311
EVM0017727	LG11	Heavy metal transport/detoxif	not DE	not DE	not DE	not DE
EVM0011163	LG11	Histone H3 K4-specific methyl	not DE	not DE	not DE	not DE
EVM0000105	LG11	Homeobox prospero	not DE	not DE	not DE	not DE
EVM0020015	LG11	Homeobox-leucine zipper prote	not DE	not DE	not DE	not DE
EVM0013717	LG11	Homeodomain-like superfamily	not DE	not DE	not DE	not DE
EVM0001878	LG11	Hydrolase, hydrolyzing O-glyc	not DE	not DE	not DE	not DE
EVM0002135	LG11	Hydroxymethylglutaryl-CoA syn	not DE	not DE	not DE	not DE
EVM0003202	LG11	Integrase-type DNA-binding su	not DE	not DE	not DE	not DE
EVM0016535	LG11	Integrase-type DNA-binding su	not DE	not DE	not DE	not DE
EVM0007683	LG11	Jasmonate-zim-domain protein	not DE	not DE	not DE	not DE
EVM0010932	LG11	KNOTTED-like homeobox of 7	1.256019	0.002972	not DE	not DE
EVM0000353	LG11	Ketose-bisphosphate aldolase	not DE	not DE	-1.04788	0.03382
EVM0013523	LG11	Kinase protein with tetratric	not DE	not DE	not DE	not DE
EVM0016645	LG11	Kinase superfamily protein	not DE	not DE	not DE	not DE
EVM0001628	LG11	Kunitz family trypsin and pro	not DE	not DE	not DE	not DE
EVM0001764	LG11	LIGULELESS1 protein, putative	not DE	not DE	not DE	not DE
EVM0022669	LG11	Laccase 1	not DE	not DE	not DE	not DE
EVM0021909	LG11	Late embryogenesis abundant h	not DE	not DE	not DE	not DE
EVM0004738	LG11	Lateral organ boundaries doma	not DE	not DE	not DE	not DE
EVM0016617	LG11	Lateral organ boundaries doma	not DE	not DE	not DE	not DE
EVM0002739	LG11	Lateral root primordium prote	not DE	not DE	not DE	not DE
EVM0015902	LG11	Leucine-rich repeat protein k	not DE	not DE	not DE	not DE
EVM0002644	LG11	MATE efflux family protein, p	not DE	not DE	not DE	not DE
EVM0017236	LG11	Major facilitator superfamily	not DE	not DE	not DE	not DE
EVM0017556	LG11	Major facilitator superfamily	not DE	not DE	not DE	not DE
EVM0010902	LG11	Major facilitator superfamily	not DE	not DE	not DE	not DE
EVM0002704	LG11	Maternal effect embryo arrest	4.350176	1.52E-10	4.70422	#####
EVM0005644	LG11	Metallopeptidase M24 family p	not DE	not DE	not DE	not DE
EVM0012788	LG11	Metallopeptidase M24 family p	not DE	not DE	not DE	not DE
EVM0010808	LG11	Methylglutaconyl-CoA hydratase	not DE	not DE	not DE	not DE
EVM0014041	LG11	Mitochondrial import receptor	not DE	not DE	1.029277	0.00602
EVM0019946	LG11	Multidrug and toxin extrusion	not DE	not DE	not DE	not DE
EVM0024579	LG11	Multidrug resistance protein	not DE	not DE	not DE	not DE
EVM0013661	LG11	Myb domain protein 0	not DE	not DE	not DE	not DE
EVM0020849	LG11	Myb domain protein 42	not DE	not DE	not DE	not DE
EVM0001991	LG11	Myb domain protein 86	not DE	not DE	not DE	not DE
EVM0013599	LG11	Myb-related protein 306, puta	2.156931	0.037681	not DE	not DE
EVM0017126	LG11	NAC domain protein, IPR003441	not DE	not DE	not DE	not DE
EVM0005009	LG11	NAD(P)-binding Rossmann-fold	not DE	not DE	not DE	not DE
EVM0011951	LG11	Neutral/alkaline non-lysosoma	not DE	not DE	not DE	not DE
EVM0004098	LG11	Nonspecific lipid-transfer pr	not DE	not DE	not DE	not DE
EVM0005858	LG11	Nonspecific lipid-transfer pr	not DE	not DE	not DE	not DE
EVM0012066	LG11	Nonspecific lipid-transfer pr	not DE	not DE	not DE	not DE
EVM0020724	LG11	Nonspecific lipid-transfer pr	not DE	not DE	not DE	not DE
EVM0011242	LG11	Nucleotide binding, putative	not DE	not DE	not DE	not DE
EVM0015441	LG11	Nucleotide-sugar transporter	-1.13488	0.006762	not DE	not DE
EVM0000574	LG11	OBF-binding protein 3, putati	not DE	not DE	not DE	not DE



EVM0009127	LG11	OSBP(oxysterol binding protein)	not DE	not DE	not DE	not DE
EVM0007138	LG11	Octicosapeptide/Phox/Bemlp family	not DE	not DE	not DE	not DE
EVM0001583	LG11	Oligopeptide transporter 7	not DE	not DE	not DE	not DE
EVM0012385	LG11	Oligopeptide transporter 7	not DE	not DE	3.594229	0.02506
EVM0020132	LG11	Osmotin-like protein	not DE	not DE	not DE	not DE
EVM0000949	LG11	P-loop containing nucleoside	not DE	not DE	not DE	not DE
EVM0008215	LG11	PLC-like phosphodiesterases	not DE	not DE	not DE	not DE
EVM0024620	LG11	POX family protein isoform 1	not DE	not DE	not DE	not DE
EVM0015008	LG11	PPPDE thiol peptidase family	not DE	not DE	not DE	not DE
EVM0021903	LG11	Pectate lyase family protein	not DE	not DE	not DE	not DE
EVM0005990	LG11	Pectin lyase-like superfamily	not DE	not DE	not DE	not DE
EVM0019195	LG11	Pectin lyase-like superfamily	not DE	not DE	not DE	not DE
EVM0021225	LG11	Pectin lyase-like superfamily	not DE	not DE	not DE	not DE
EVM0009757	LG11	Pectin lyase-like superfamily	not DE	not DE	not DE	not DE
EVM0006346	LG11	Pentatricopeptide repeat super	not DE	not DE	not DE	not DE
EVM0001737	LG11	Peptidyl-tRNA hydrolase family	not DE	not DE	not DE	not DE
EVM0003358	LG11	Peroxin 19-2	not DE	not DE	1.122733	#####
EVM0001716	LG11	Phosphatidate cytidyltransferase	not DE	not DE	not DE	not DE
EVM0016837	LG11	Phosphoglycerate mutase family	-1.35037	0.02758	not DE	not DE
EVM0008816	LG11	Plant invertase/pectin methyl	not DE	not DE	1.205458	0.04483
EVM0012471	LG11	Plant synaptotagmin isoform 1	not DE	not DE	not DE	not DE
EVM0011172	LG11	Poly(A) polymerase 1 isoform	not DE	not DE	not DE	not DE
EVM0022634	LG11	Porin/voltage-dependent anion	not DE	not DE	not DE	not DE
EVM0009974	LG11	Proliferating cell nuclear ant	not DE	not DE	not DE	not DE
EVM0015391	LG11	Protein CASP, putative	not DE	not DE	not DE	not DE
EVM0003833	LG11	Pyridoxal phosphate-dependent	not DE	not DE	not DE	not DE
EVM0005190	LG11	RAN BINDING protein 1	not DE	not DE	not DE	not DE
EVM0019628	LG11	RAN BINDING protein 1	not DE	not DE	not DE	not DE
EVM0005795	LG11	RING/U-box superfamily protein	not DE	not DE	not DE	not DE
EVM0009432	LG11	RING/U-box superfamily protein	not DE	not DE	not DE	not DE
EVM0019928	LG11	RING/U-box superfamily protein	not DE	not DE	not DE	not DE
EVM0003203	LG11	RING/U-box superfamily protein	not DE	not DE	not DE	not DE
EVM0011716	LG11	RNA binding-like protein	not DE	not DE	not DE	not DE
EVM0005818	LG11	RNA-metabolising metallo-beta	not DE	not DE	not DE	not DE
EVM0001810	LG11	Rab5-interacting family prote	not DE	not DE	not DE	not DE
EVM0019853	LG11	RecName: Full=Beta-amyrin syn	not DE	not DE	not DE	not DE
EVM0021199	LG11	RecName: Full=Cycloartenol sy	1.495843	0.021839	not DE	not DE
EVM0023376	LG11	RecName: Full=Elongation fact	not DE	not DE	not DE	not DE
EVM0000386	LG11	Respiratory burst oxidase, pu	not DE	not DE	not DE	not DE
EVM0018975	LG11	Rhizopine catabolism protein	not DE	not DE	not DE	not DE
EVM0009801	LG11	SBP family protein	not DE	not DE	1.263271	0.00835
EVM0001013	LG11	SIN3-like 2, putative isoform	not DE	not DE	not DE	not DE
EVM0013476	LG11	SPIRAL1-likel, putative isofo	-1.08674	0.008571	1.09968	#####
EVM0016983	LG11	Serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0018934	LG11	Serine/threonine-protein phos	not DE	not DE	not DE	not DE
EVM0012140	LG11	Spermidine synthase 1	not DE	not DE	not DE	not DE
EVM0016280	LG11	Splicing factor PWI domain-co	not DE	not DE	not DE	not DE
EVM0023038	LG11	Ssu72-like family protein iso	not DE	not DE	not DE	not DE
EVM0003760	LG11	Stellacyanin, putative isoform	not DE	not DE	not DE	not DE
EVM0011625	LG11	Stellacyanin, putative isoform	not DE	not DE	not DE	not DE
EVM0002148	LG11	Sugar-insensitive 3 isoform 1	not DE	not DE	not DE	not DE
EVM0015848	LG11	Surfeit locus 1 cytochrome c	not DE	not DE	not DE	not DE
EVM0010693	LG11	Teosinte branched 1, putative	not DE	not DE	not DE	not DE
EVM0002184	LG11	Tetratricopeptide repeat (TPR)	not DE	not DE	not DE	not DE

EVM0006122	LG11	Tetratricopeptide repeat super	2.13903	0.031315	not DE	not DE
EVM0024331	LG11	Tetratricopeptide repeat-like	not DE	not DE	not DE	not DE
EVM0019079	LG11	Tetratricopeptide repeat-like	not DE	not DE	not DE	not DE
EVM0001929	LG11	ThiaminC isoform 4	not DE	not DE	1.641704	0.01251
EVM0016324	LG11	Thiamine pyrophosphate depend	not DE	not DE	not DE	not DE
EVM0023973	LG11	Thiamine pyrophosphate depend	not DE	not DE	not DE	not DE
EVM0013231	LG11	Translation elongation factor	not DE	not DE	not DE	not DE
EVM0018912	LG11	Trehalose-phosphatase/synthas	not DE	not DE	not DE	not DE
EVM0019532	LG11	Typical subtype, Leucine-rich	not DE	not DE	not DE	not DE
EVM0000935	LG11	UDP-D-glucose/UDP-D-galactose	not DE	not DE	not DE	not DE
EVM0007837	LG11	UDP-D-glucose/UDP-D-galactose	not DE	not DE	not DE	not DE
EVM0010342	LG11	UDP-Glycosyltransferase super	not DE	not DE	not DE	not DE
EVM0000016	LG11	UDP-glucuronosyltransferase,	not DE	not DE	not DE	not DE
EVM0008236	LG11	Ubiquitin-conjugating enzyme	not DE	not DE	not DE	not DE
EVM0015710	LG11	Ubiquitin-conjugating enzyme	not DE	not DE	not DE	not DE
EVM0013302	LG11	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0010598	LG11	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0012421	LG11	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0021593	LG11	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0019997	LG11	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0017997	LG11	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0020191	LG11	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0000748	LG11	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0012936	LG11	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0005171	LG11	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0021828	LG11	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0015213	LG11	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0000717	LG11	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0007599	LG11	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0011648	LG11	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0012454	LG11	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0012690	LG11	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0021715	LG11	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0001954	LG11	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0016147	LG11	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0020621	LG11	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0018888	LG11	Undecaprenyl pyrophosphate syn	not DE	not DE	not DE	not DE
EVM0021398	LG11	Vesicle-associated protein 1-	not DE	not DE	not DE	not DE
EVM0001030	LG11	Vignain	not DE	not DE	not DE	not DE
EVM0010266	LG11	WRKY DNA-binding protein 21,	3.689967	0.006323	not DE	not DE
EVM0017381	LG11	WRKY DNA-binding protein 72,	not DE	not DE	not DE	not DE
EVM0020818	LG11	WUSCHEL, putative isoform 2	not DE	not DE	not DE	not DE
EVM0005027	LG11	X-ray induced transcript 1, p	not DE	not DE	not DE	not DE
EVM0004609	LG11	Xanthine/uracil permease fami	not DE	not DE	not DE	not DE
EVM0006033	LG11	Xanthine/uracil permease fami	not DE	not DE	not DE	not DE
EVM0019423	LG11	Xeroderma pigmentosum complem	not DE	not DE	not DE	not DE
EVM0002860	LG11	Zinc finger family protein, p	not DE	not DE	not DE	not DE
EVM0009748	LG11	Zinc finger protein	not DE	not DE	not DE	not DE
EVM0003497	LG11	Zinc finger protein-related i	not DE	not DE	not DE	not DE
EVM0018616	LG11	acid beta-fructofuranosidase-	not DE	not DE	-1.08785	0.02044
EVM0013888	LG11	actin 4	not DE	not DE	not DE	not DE
EVM0020045	LG11	actin 4	not DE	not DE	not DE	not DE
EVM0008845	LG11	alcohol dehydrogenase family	not DE	not DE	not DE	not DE
EVM0018662	LG11	alpha galactosidase	not DE	not DE	not DE	not DE

EVM0023387	LG11	alpha-galactosidase/alpha-n-a	not DE	not DE	not DE	not DE
EVM0018173	LG11	anthocyanidin synthase	not DE	not DE	not DE	not DE
EVM0001078	LG11	beta-amylase	3.457595	4.65E-07	not DE	not DE
EVM0007388	LG11	beta-carotene hydroxylase	not DE	not DE	not DE	not DE
EVM0023193	LG11	beta-tubulin	not DE	not DE	not DE	not DE
EVM0011027	LG11	beta-tubulin 16	not DE	not DE	not DE	not DE
EVM0005092	LG11	betaine-aldehyde dehydrogenas	not DE	not DE	not DE	not DE
EVM0008630	LG11	calcineurin B-like protein 01	not DE	not DE	not DE	not DE
EVM0006128	LG11	catalytic, putative	not DE	not DE	not DE	not DE
EVM0023077	LG11	cinnamoyl-CoA reductase, puta	not DE	not DE	not DE	not DE
EVM0001362	LG11	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0008475	LG11	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0008889	LG11	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0012830	LG11	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0018821	LG11	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0019591	LG11	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0022435	LG11	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0024630	LG11	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0023415	LG11	copper/zinc-superoxide dismut	not DE	not DE	not DE	not DE
EVM0020409	LG11	early flowering 4	not DE	not DE	not DE	not DE
EVM0014294	LG11	embryonic flower 2b-1	not DE	not DE	not DE	not DE
EVM0009670	LG11	endo-glucanase 2 family prote	not DE	not DE	not DE	not DE
EVM0013137	LG11	ethylene receptor	not DE	not DE	not DE	not DE
EVM0005023	LG11	expansin 1	not DE	not DE	not DE	not DE
EVM0002404	LG11	flavanone 3&apos;-hydroxylase	not DE	not DE	not DE	not DE
EVM0019077	LG11	flavanone 3&apos;-hydroxylase	not DE	not DE	not DE	not DE
EVM0011391	LG11	gamma-glutamylcysteine synthe	not DE	not DE	not DE	not DE
EVM0003546	LG11	glucanase	not DE	not DE	not DE	not DE
EVM0014905	LG11	glucanase	not DE	not DE	not DE	not DE
EVM0016761	LG11	glucanase	not DE	not DE	not DE	not DE
EVM0017164	LG11	glucanase	not DE	not DE	not DE	not DE
EVM0022410	LG11	homeobox protein knotted-1, p	not DE	not DE	not DE	not DE
EVM0018174	LG11	hydrolase, acting on ester bo	not DE	not DE	not DE	not DE
EVM0019148	LG11	hypersensitive-induced respon	not DE	not DE	not DE	not DE
EVM0007036	LG11	hypothetical protein (mitoch	not DE	not DE	not DE	not DE
EVM0024574	LG11	hypothetical protein AALP_AA8	not DE	not DE	not DE	not DE
EVM0014361	LG11	hypothetical protein AMTR_s00	not DE	not DE	not DE	not DE
EVM0019043	LG11	hypothetical protein AMTR_s03	not DE	not DE	not DE	not DE
EVM0023458	LG11	hypothetical protein CARUB_v1	not DE	not DE	not DE	not DE
EVM0013486	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007736	LG11	hypothetical protein CICLE_v1	1.114185	0.044879	not DE	not DE
EVM0017218	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001110	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022794	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002795	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014574	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019877	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021392	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005876	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021261	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011005	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021619	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016616	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004102	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0018799	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021190	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015725	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020819	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011698	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007887	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015226	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004165	LG11	hypothetical protein CICLE_v1	-1.42045	0.046798	not DE	not DE
EVM0021098	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015933	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014594	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011964	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006001	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011315	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011681	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009097	LG11	hypothetical protein CICLE_v1	not DE	not DE	-1.11078	0.00081
EVM0012995	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008831	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009755	LG11	hypothetical protein CICLE_v1	not DE	not DE	-1.00371	#####
EVM0007299	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000828	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019113	LG11	hypothetical protein CICLE_v1	not DE	not DE	-1.0738	0.00081
EVM0008616	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012728	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002023	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002952	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004323	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013460	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013438	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018250	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009603	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015304	LG11	hypothetical protein CICLE_v1	1.155926	0.008279	not DE	not DE
EVM0006861	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003411	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024547	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019061	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003570	LG11	hypothetical protein CICLE_v1	not DE	not DE	-1.12494	0.0316
EVM0011440	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018622	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008447	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007556	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002717	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000183	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023741	LG11	hypothetical protein CICLE_v1	1.055244	0.03761	not DE	not DE
EVM0015282	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002066	LG11	hypothetical protein CICLE_v1	not DE	not DE	-1.25305	0.0427
EVM0022475	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000831	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009225	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019810	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016428	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007444	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002681	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010484	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0020038	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005997	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000614	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005582	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015097	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017830	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003644	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011539	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012899	LG11	hypothetical protein CICLE_v1	4.277048	0.000202	not DE	not DE
EVM0003946	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012168	LG11	hypothetical protein CICLE_v1	1.022774	0.04737	not DE	not DE
EVM0014366	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015438	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010831	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015705	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019379	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021732	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000752	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022925	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021370	LG11	hypothetical protein CICLE_v1	not DE	not DE	-1.03396	#####
EVM0005922	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010454	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005488	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002391	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023256	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009626	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022716	LG11	hypothetical protein CICLE_v1	1.700508	7.42E-05	not DE	not DE
EVM0006468	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002235	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017445	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006350	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001806	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017311	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010294	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009684	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004554	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020002	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009657	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020793	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019244	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012797	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022518	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006634	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001575	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013345	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021960	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001793	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016899	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010211	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022022	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007058	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012494	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005313	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010450	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0017931	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024035	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021344	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001857	LG11	hypothetical protein CICLE_v1	-1.6225	0.031985	not DE	not DE
EVM0002246	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013774	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002757	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021306	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011198	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003257	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023309	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010894	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012771	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004446	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011816	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001531	LG11	hypothetical protein CICLE_v1	not DE	not DE	-1.20772	0.04473
EVM0015221	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001521	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002056	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000797	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002352	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003455	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018560	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013088	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015232	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012426	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018367	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023003	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024069	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004206	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010435	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008926	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020446	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003516	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003009	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023331	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005231	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007262	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019304	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003816	LG11	hypothetical protein CICLE_v1	2.13362	0.039637	not DE	not DE
EVM0004952	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017276	LG11	hypothetical protein CICLE_v1	-1.09893	0.032036	not DE	not DE
EVM0014571	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014933	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008460	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000965	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010091	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015942	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024477	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004438	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012807	LG11	hypothetical protein CICLE_v1	1.020779	0.010568	not DE	not DE
EVM0010428	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004141	LG11	hypothetical protein CICLE_v1	3.371335	6.87E-05	not DE	not DE
EVM0004501	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0005727	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010128	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012591	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015187	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003754	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019728	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021742	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015797	LG11	hypothetical protein CICLE_v1	-1.71725	0.003796	not DE	not DE
EVM0011420	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002331	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016340	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023625	LG11	hypothetical protein CICLE_v1	-1.27651	0.001116	not DE	not DE
EVM0018256	LG11	hypothetical protein CICLE_v1	-1.32268	0.007917	not DE	not DE
EVM0000697	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004358	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008823	LG11	hypothetical protein CICLE_v1	not DE	not DE	2.518242	0.0396
EVM0007555	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003650	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017341	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022479	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022848	LG11	hypothetical protein CICLE_v1	1.095883	0.000619	not DE	not DE
EVM0000683	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001856	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004090	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010371	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014477	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021234	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002462	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015126	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009454	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001009	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002302	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011794	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001719	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020701	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023304	LG11	hypothetical protein CICLE_v1	not DE	not DE	-1.46674	0.00016
EVM0009694	LG11	hypothetical protein CICLE_v1	-4.91613	7.01E-39	-1.57613	#####
EVM0016256	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017007	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016255	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001168	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014612	LG11	hypothetical protein CICLE_v1	4.324197	2.14E-09	not DE	not DE
EVM0007188	LG11	hypothetical protein CICLE_v1	-1.41373	0.000619	not DE	not DE
EVM0018776	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013620	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007946	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017598	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016527	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022558	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005598	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005116	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021292	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005482	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014971	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0000217	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023859	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018493	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017514	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019639	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020009	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005970	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022883	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008770	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019463	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013140	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003477	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015379	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006969	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016651	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022055	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000736	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024554	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003176	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024000	LG11	hypothetical protein CICLE_v1	1.450048	0.018497	not DE	not DE
EVM0019072	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002844	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005100	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022169	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014961	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022924	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005505	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007183	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002567	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023683	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005785	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019542	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017114	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008874	LG11	hypothetical protein CICLE_v1	1.701276	0.028972	not DE	not DE
EVM0011765	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021634	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002791	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018175	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010016	LG11	hypothetical protein CICLE_v1	not DE	not DE	1.497733	0.00561
EVM0015712	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004232	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020256	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010012	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009873	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012072	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003610	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000275	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021087	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006007	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018900	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000479	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004381	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006633	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011331	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE



EVM0019022	LG11	hypothetical protein CICLE_v1	not DE	not DE	1.913456	0.03557
EVM0021838	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000663	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000244	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005314	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009277	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000328	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015870	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012287	LG11	hypothetical protein CICLE_v1	2.363941	0.041356	not DE	not DE
EVM0013474	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010848	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015618	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008106	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023421	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019577	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022524	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017357	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003456	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004958	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021083	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023145	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008284	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002289	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007335	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010967	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005159	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022805	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016296	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001177	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013875	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004477	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014344	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008188	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013018	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002320	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024668	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011565	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008506	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017782	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001398	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012806	LG11	hypothetical protein CICLE_v1	not DE	not DE	-1.19488	#####
EVM0006249	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015806	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023585	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012416	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021395	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009443	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015217	LG11	hypothetical protein CICLE_v1	not DE	not DE	-1.7295	#####
EVM0003566	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020039	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010960	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011059	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009765	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000815	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0001792	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014509	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014921	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020581	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000316	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020322	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013337	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015753	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020315	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000948	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015240	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018401	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005615	LG11	hypothetical protein CICLE_v1	-1.02878	1.06E-06	not DE	not DE
EVM0013835	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006111	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023134	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015228	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011380	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020516	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020631	LG11	hypothetical protein CICLE_v1	not DE	not DE	1.4407	0.01394
EVM0020791	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001423	LG11	hypothetical protein CICLE_v1	not DE	not DE	1.920453	0.04812
EVM0023355	LG11	hypothetical protein CICLE_v1	not DE	not DE	1.821754	0.0034
EVM0007346	LG11	hypothetical protein CICLE_v1	-2.2193	0.005151	-3.5083	0.00063
EVM0009675	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001636	LG11	hypothetical protein CICLE_v1	3.338062	0.021537	5.480108	0.00049
EVM0006537	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011945	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023069	LG11	hypothetical protein CICLE_v1	1.829669	0.029312	-1.41741	0.03473
EVM0013632	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006970	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005551	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009691	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000872	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020651	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018396	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005067	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022673	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002088	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010147	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006779	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017268	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014746	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017870	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021750	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007522	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016004	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017777	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011811	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012720	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004608	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021090	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007913	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022715	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0009186	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024550	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009275	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007298	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017982	LG11	hypothetical protein CICLE_v1	-4. 98904	5. 91E-12	-2. 20773	#####
EVM0021391	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018665	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003487	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023575	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022078	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003498	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003417	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000854	LG11	hypothetical protein CICLE_v1	-1. 7757	0. 002663	1. 203304	#####
EVM0019662	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008745	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023485	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003344	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017593	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022602	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002748	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016946	LG11	hypothetical protein CICLE_v1	-4. 77659	1. 23E-05	not DE	not DE
EVM0011408	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001337	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007163	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015599	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014237	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001828	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005746	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010034	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023333	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000686	LG11	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009546	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007691	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018978	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009373	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001180	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010391	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018993	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015795	LG11	hypothetical protein CISIN_1g	not DE	not DE	1. 821892	0. 03334
EVM0008553	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010057	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008266	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022575	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016805	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012714	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015739	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004140	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004082	LG11	hypothetical protein CISIN_1g	2. 349705	0. 006715	not DE	not DE
EVM0012237	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016396	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016566	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004903	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009281	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004021	LG11	hypothetical protein CISIN_1g	not DE	not DE	-2. 34498	0. 04385

EVM0004450	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004460	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024298	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012337	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013686	LG11	hypothetical protein CISIN_1g	not DE	not DE	-1.0747	#####
EVM0007660	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009027	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023054	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010691	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019746	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018266	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019747	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006693	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003571	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018640	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003254	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001819	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001876	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016995	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020184	LG11	hypothetical protein CISIN_1g	-3.93182	6.23E-11	-2.05732	#####
EVM0020827	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021110	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024306	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018512	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000361	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021633	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010070	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009298	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015997	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002223	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004470	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020839	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022206	LG11	hypothetical protein CISIN_1g	-1.76821	0.021358	not DE	not DE
EVM0003540	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017811	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009438	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007762	LG11	hypothetical protein CISIN_1g	1.231994	0.003869	not DE	not DE
EVM0011740	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015321	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015703	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003749	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003586	LG11	hypothetical protein CISIN_1g	1.607564	0.021513	not DE	not DE
EVM0018498	LG11	hypothetical protein CISIN_1g	2.371205	0.000103	not DE	not DE
EVM0005483	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009100	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005502	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001530	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013605	LG11	hypothetical protein CISIN_1g	-1.39963	0.000247	not DE	not DE
EVM0019254	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011445	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006365	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009547	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011121	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014171	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0018872	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016825	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010182	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022691	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019827	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006734	LG11	hypothetical protein CISIN_1g	-2.7448	0.031679	not DE	not DE
EVM0016418	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021065	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016601	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001015	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010386	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007407	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023456	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004851	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013997	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014533	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004060	LG11	hypothetical protein CISIN_1g	-5.01163	6.71E-22	-2.14149	0.00051
EVM0014644	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000723	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017361	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003387	LG11	hypothetical protein CISIN_1g	1.189521	3.55E-06	not DE	not DE
EVM0010997	LG11	hypothetical protein CISIN_1g	not DE	not DE	1.101048	0.0199
EVM0022395	LG11	hypothetical protein CISIN_1g	1.218139	3.22E-05	1.099408	#####
EVM0011607	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000139	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019312	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021834	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015721	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016346	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006273	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003560	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004541	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001080	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017568	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013583	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014995	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007775	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021603	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023578	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006837	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011854	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020075	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011183	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022851	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002666	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004682	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010151	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015393	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014764	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001003	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009920	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018976	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020489	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013525	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0007153	LG11	hypothetical protein CISIN_1g	-2.14191	2.32E-05	not DE	not DE
EVM0015067	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016507	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005301	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000679	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018258	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017507	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009362	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016186	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019394	LG11	hypothetical protein CISIN_1g	not DE	not DE	1.553588	0.01556
EVM0007128	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019539	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022790	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004512	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021873	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000731	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014808	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014686	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011631	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023139	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013952	LG11	hypothetical protein CISIN_1g	3.103832	0.001347	not DE	not DE
EVM0015714	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023779	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017959	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013522	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007508	LG11	hypothetical protein CISIN_1g	1.318966	0.005093	1.538362	0.0043
EVM0011762	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006017	LG11	hypothetical protein CISIN_1g	not DE	not DE	-1.69936	0.00044
EVM0011076	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002606	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005207	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018404	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024558	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017977	LG11	hypothetical protein CISIN_1g	not DE	not DE	-1.17191	0.0014
EVM0002381	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006330	LG11	hypothetical protein CISIN_1g	2.665118	0.016587	not DE	not DE
EVM0007747	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016707	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019874	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011062	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014213	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012484	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013080	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016723	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022989	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006580	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008175	LG11	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023561	LG11	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0021821	LG11	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0015256	LG11	hypothetical protein F383_004	not DE	not DE	not DE	not DE
EVM0004540	LG11	hypothetical protein F383_129	not DE	not DE	not DE	not DE
EVM0018867	LG11	hypothetical protein F383_129	not DE	not DE	not DE	not DE
EVM0010638	LG11	hypothetical protein F383_297	not DE	not DE	not DE	not DE
EVM0016105	LG11	hypothetical protein JCGZ_003	not DE	not DE	not DE	not DE

EVM0003832	LG11	hypothetical protein JCGZ_024	not DE	not DE	not DE	not DE
EVM0013119	LG11	hypothetical protein JCGZ_029	not DE	not DE	not DE	not DE
EVM0016982	LG11	hypothetical protein JCGZ_029	not DE	not DE	not DE	not DE
EVM0007680	LG11	hypothetical protein JCGZ_029	1.443791	0.002649	not DE	not DE
EVM0006836	LG11	hypothetical protein JCGZ_033	not DE	not DE	not DE	not DE
EVM0020299	LG11	hypothetical protein JCGZ_033	not DE	not DE	not DE	not DE
EVM0021878	LG11	hypothetical protein JCGZ_033	not DE	not DE	not DE	not DE
EVM0009800	LG11	hypothetical protein JCGZ_034	not DE	not DE	not DE	not DE
EVM0007873	LG11	hypothetical protein JCGZ_039	not DE	not DE	not DE	not DE
EVM0007875	LG11	hypothetical protein JCGZ_052	not DE	not DE	not DE	not DE
EVM0002257	LG11	hypothetical protein JCGZ_053	not DE	not DE	not DE	not DE
EVM0011173	LG11	hypothetical protein JCGZ_058	not DE	not DE	not DE	not DE
EVM0023642	LG11	hypothetical protein JCGZ_058	not DE	not DE	2.112322	0.00497
EVM0012349	LG11	hypothetical protein JCGZ_084	not DE	not DE	not DE	not DE
EVM0013912	LG11	hypothetical protein JCGZ_084	not DE	not DE	not DE	not DE
EVM0005808	LG11	hypothetical protein JCGZ_084	not DE	not DE	not DE	not DE
EVM0003932	LG11	hypothetical protein JCGZ_110	not DE	not DE	1.630488	0.00015
EVM0015838	LG11	hypothetical protein JCGZ_113	not DE	not DE	not DE	not DE
EVM0010286	LG11	hypothetical protein JCGZ_113	not DE	not DE	not DE	not DE
EVM0002716	LG11	hypothetical protein JCGZ_113	not DE	not DE	not DE	not DE
EVM0011485	LG11	hypothetical protein JCGZ_113	not DE	not DE	not DE	not DE
EVM0024656	LG11	hypothetical protein JCGZ_114	not DE	not DE	1.577017	0.00497
EVM0012472	LG11	hypothetical protein JCGZ_114	not DE	not DE	not DE	not DE
EVM0022304	LG11	hypothetical protein JCGZ_114	not DE	not DE	not DE	not DE
EVM0016544	LG11	hypothetical protein JCGZ_114	not DE	not DE	not DE	not DE
EVM0021137	LG11	hypothetical protein JCGZ_115	not DE	not DE	not DE	not DE
EVM0011474	LG11	hypothetical protein JCGZ_115	not DE	not DE	not DE	not DE
EVM0019617	LG11	hypothetical protein JCGZ_116	not DE	not DE	not DE	not DE
EVM0019875	LG11	hypothetical protein JCGZ_116	not DE	not DE	-1.18535	#####
EVM0005952	LG11	hypothetical protein JCGZ_116	not DE	not DE	not DE	not DE
EVM0010567	LG11	hypothetical protein JCGZ_116	not DE	not DE	not DE	not DE
EVM0014273	LG11	hypothetical protein JCGZ_116	not DE	not DE	not DE	not DE
EVM0019708	LG11	hypothetical protein JCGZ_117	not DE	not DE	not DE	not DE
EVM0017986	LG11	hypothetical protein JCGZ_117	2.433281	0.042	not DE	not DE
EVM0024150	LG11	hypothetical protein JCGZ_118	not DE	not DE	not DE	not DE
EVM0013820	LG11	hypothetical protein JCGZ_150	not DE	not DE	not DE	not DE
EVM0011624	LG11	hypothetical protein JCGZ_174	not DE	not DE	not DE	not DE
EVM0007000	LG11	hypothetical protein JCGZ_203	not DE	not DE	not DE	not DE
EVM0015281	LG11	hypothetical protein JCGZ_204	-2.71028	0.000202	-2.86437	#####
EVM0019998	LG11	hypothetical protein JCGZ_205	not DE	not DE	not DE	not DE
EVM0017045	LG11	hypothetical protein JCGZ_206	not DE	not DE	not DE	not DE
EVM0010547	LG11	hypothetical protein JCGZ_207	not DE	not DE	not DE	not DE
EVM0004728	LG11	hypothetical protein JCGZ_239	not DE	not DE	not DE	not DE
EVM0023746	LG11	hypothetical protein JCGZ_270	not DE	not DE	not DE	not DE
EVM0023260	LG11	hypothetical protein L484_002	not DE	not DE	not DE	not DE
EVM0009251	LG11	hypothetical protein L484_005	not DE	not DE	not DE	not DE
EVM0013461	LG11	hypothetical protein L484_018	not DE	not DE	not DE	not DE
EVM0006027	LG11	hypothetical protein L484_022	not DE	not DE	not DE	not DE
EVM0001835	LG11	hypothetical protein L484_024	not DE	not DE	not DE	not DE
EVM0020951	LG11	hypothetical protein L484_024	not DE	not DE	not DE	not DE
EVM0021768	LG11	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0024324	LG11	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0005259	LG11	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0002139	LG11	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE

EVM0016172	LG11	hypothetical protein OsJ_1705	not DE	not DE	not DE	not DE
EVM0018992	LG11	hypothetical protein OsJ_2377	not DE	not DE	not DE	not DE
EVM0016117	LG11	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0017027	LG11	hypothetical protein PHAVU_00	not DE	not DE	1.19457	0.00077
EVM0003923	LG11	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0014936	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000474	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0016373	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0017194	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0012137	LG11	hypothetical protein POPTR_00	not DE	not DE	1.316481	0.02708
EVM0001067	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0007125	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010110	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0021325	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006291	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0005831	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0021376	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006250	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0004412	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0013475	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0021052	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0015949	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0001402	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0013580	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0022513	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002094	LG11	hypothetical protein POPTR_00	-2.33301	0.019958	-3.98351	#####
EVM0021703	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002425	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0008067	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0003935	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0011573	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0021422	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0024358	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0024409	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020649	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0003747	LG11	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020712	LG11	hypothetical protein POPTR_00	1.884586	3.86E-05	2.218862	#####
EVM0005998	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0024510	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0017624	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0010305	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0006504	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0002534	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0005542	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0015531	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0008619	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0003323	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0009235	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0024404	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0023389	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0006406	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0021401	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0011328	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0014942	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE



EVM0004362	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0015625	LG11	hypothetical protein PRUPE_pp	not DE	not DE	1.019853	#####
EVM0013928	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0020129	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0001692	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0001745	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0008386	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0001602	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0005136	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0021327	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0021503	LG11	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0022999	LG11	hypothetical protein RCOM_115	not DE	not DE	not DE	not DE
EVM0009634	LG11	hypothetical protein RCOM_161	not DE	not DE	not DE	not DE
EVM0002500	LG11	hypothetical protein RCOM_169	not DE	not DE	not DE	not DE
EVM0013150	LG11	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0008554	LG11	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0006126	LG11	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0008877	LG11	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0005621	LG11	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0022189	LG11	hypothetical protein VITISV_C	not DE	not DE	1.199497	0.01658
EVM0005251	LG11	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0002100	LG11	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0010553	LG11	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0011430	LG11	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0022759	LG11	hypothetical protein glysoja_	not DE	not DE	not DE	not DE
EVM0009857	LG11	integrase	not DE	not DE	not DE	not DE
EVM0010154	LG11	iron-sulfur cluster scaffold	not DE	not DE	1.10339	#####
EVM0015356	LG11	laccase family protein	not DE	not DE	not DE	not DE
EVM0017129	LG11	longevity assurance factor, p	not DE	not DE	not DE	not DE
EVM0015640	LG11	low molecular weight heat sho	-5.97454	4.38E-11	-3.34849	#####
EVM0000379	LG11	peptidyl-prolyl cis-trans isc	not DE	not DE	not DE	not DE
EVM0019872	LG11	phospholipase D beta	not DE	not DE	not DE	not DE
EVM0006434	LG11	photosystem II protein D2	-1.42203	0.015685	not DE	not DE
EVM0016945	LG11	plant uncoupling mitochondria	not DE	not DE	not DE	not DE
EVM0012184	LG11	potassium channel SKOR-like	not DE	not DE	not DE	not DE
EVM0000481	LG11	putative hexose transporter	not DE	not DE	not DE	not DE
EVM0003993	LG11	putative hexose transporter	not DE	not DE	not DE	not DE
EVM0012172	LG11	putative hexose transporter	not DE	not DE	not DE	not DE
EVM0004934	LG11	remorin-5 protein	not DE	not DE	not DE	not DE
EVM0022332	LG11	reticulon family protein	not DE	not DE	not DE	not DE
EVM0012881	LG11	retrotransposon protein, puta	not DE	not DE	not DE	not DE
EVM0005586	LG11	rhomboid family protein	not DE	not DE	not DE	not DE
EVM0019001	LG11	rps18 gene product (chloropl	not DE	not DE	not DE	not DE
EVM0016862	LG11	scarecrow-like protein 28	not DE	not DE	not DE	not DE
EVM0007391	LG11	senescence-associated family	-1.28025	0.021167	not DE	not DE
EVM0016489	LG11	talisin	not DE	not DE	not DE	not DE
EVM0005040	LG11	timing of CAB expression 1	1.759693	5.19E-08	not DE	not DE
EVM0007031	LG11	tonoplast intrinsic protein,	not DE	not DE	not DE	not DE
EVM0011158	LG11	tumor-related protein	not DE	not DE	not DE	not DE
EVM0011901	LG11	tumor-related protein	4.441677	0.041188	not DE	not DE
EVM0009152	LG11	ubiquitin-conjugating enzyme	not DE	not DE	not DE	not DE
EVM0012799	LG11	uncharacterized protein	not DE	not DE	not DE	not DE
EVM0021572	LG11	uncharacterized protein LOC10	not DE	not DE	not DE	not DE
EVM0015157	LG11	uncharacterized protein LOC10	not DE	not DE	not DE	not DE

EVM0000063	LG11	unknown protein	not DE	not DE	not DE	not DE
EVM0001479	LG11	unknown protein	not DE	not DE	not DE	not DE
EVM0002689	LG11	unknown protein	not DE	not DE	not DE	not DE
EVM0003433	LG11	unknown protein	not DE	not DE	not DE	not DE
EVM0004161	LG11	unknown protein	not DE	not DE	not DE	not DE
EVM0009492	LG11	unknown protein	not DE	not DE	not DE	not DE
EVM0011092	LG11	unknown protein	not DE	not DE	1.968367	0.00031
EVM0011222	LG11	unknown protein	not DE	not DE	not DE	not DE
EVM0012950	LG11	unknown protein	not DE	not DE	not DE	not DE
EVM0013788	LG11	unknown protein	not DE	not DE	not DE	not DE
EVM0016192	LG11	unknown protein	not DE	not DE	not DE	not DE
EVM0017758	LG11	unknown protein	not DE	not DE	not DE	not DE
EVM0017813	LG11	unknown protein	not DE	not DE	not DE	not DE
EVM0018535	LG11	unknown protein	not DE	not DE	not DE	not DE
EVM0018585	LG11	unknown protein	not DE	not DE	not DE	not DE
EVM0018832	LG11	unknown protein	not DE	not DE	not DE	not DE
EVM0018968	LG11	unknown protein	not DE	not DE	not DE	not DE
EVM0019681	LG11	unknown protein	not DE	not DE	not DE	not DE
EVM0024373	LG11	unknown protein	-1.25559	0.019691	not DE	not DE
EVM0000315	LG11	unnamed protein product	not DE	not DE	not DE	not DE
EVM0001989	LG11	unnamed protein product	not DE	not DE	not DE	not DE
EVM0002409	LG11	unnamed protein product	not DE	not DE	not DE	not DE
EVM0003204	LG11	unnamed protein product	not DE	not DE	not DE	not DE
EVM0005210	LG11	unnamed protein product	not DE	not DE	not DE	not DE
EVM0005633	LG11	unnamed protein product	not DE	not DE	not DE	not DE
EVM0005937	LG11	unnamed protein product	2.043672	0.001485	not DE	not DE
EVM0006059	LG11	unnamed protein product	not DE	not DE	not DE	not DE
EVM0006420	LG11	unnamed protein product	not DE	not DE	not DE	not DE
EVM0007796	LG11	unnamed protein product	2.040985	2.26E-06	1.158292	0.0179
EVM0011789	LG11	unnamed protein product	not DE	not DE	1.311503	#####
EVM0013822	LG11	unnamed protein product	not DE	not DE	-1.14736	#####
EVM0015366	LG11	unnamed protein product	not DE	not DE	not DE	not DE
EVM0015638	LG11	unnamed protein product	not DE	not DE	not DE	not DE
EVM0015839	LG11	unnamed protein product	not DE	not DE	not DE	not DE
EVM0016784	LG11	unnamed protein product	not DE	not DE	not DE	not DE
EVM0016836	LG11	unnamed protein product	not DE	not DE	not DE	not DE
EVM0017845	LG11	unnamed protein product	not DE	not DE	not DE	not DE
EVM0019640	LG11	unnamed protein product	not DE	not DE	not DE	not DE
EVM0020076	LG11	unnamed protein product	not DE	not DE	not DE	not DE
EVM0021071	LG11	unnamed protein product	not DE	not DE	not DE	not DE
EVM0022833	LG11	unnamed protein product	2.647841	6.87E-05	not DE	not DE
EVM0023453	LG11	unnamed protein product	not DE	not DE	not DE	not DE
EVM0024153	LG11	unnamed protein product	not DE	not DE	not DE	not DE
EVM0001609	LG11	vegetative storage protein	not DE	not DE	-5.86391	0.03983
EVM0002484	LG11	vegetative storage protein	not DE	not DE	not DE	not DE
EVM0009884	LG11	vegetative storage protein	not DE	not DE	not DE	not DE
EVM0016013	LG11	vegetative storage protein	not DE	not DE	not DE	not DE
EVM0001375	LG11	zinc finger protein, putative	not DE	not DE	not DE	not DE
EVM0024486	LG12	15.7 kDa heat shock protein,	not DE	not DE	not DE	not DE
EVM0018770	LG12	18.1 kDa class I heat shock	-2.63825	0.037613	not DE	not DE
EVM0009161	LG12	21 kDa protein-like	not DE	not DE	not DE	not DE
EVM0009201	LG12	21 kDa protein-like	not DE	not DE	2.482684	#####
EVM0006044	LG12	3-oxoacyl-[acyl-carrier-prot	not DE	not DE	not DE	not DE
EVM0023310	LG12	3-oxoacyl-[acyl-carrier-prot	not DE	not DE	not DE	not DE

EVM0009806	LG12	4-hydroxy-tetrahydrodipicolin	not DE	not DE	not DE	not DE
EVM0019202	LG12	40S ribosomal protein S2-3-l	not DE	not DE	not DE	not DE
EVM0015310	LG12	5-aminolevulinate synthase,	3.139324	0.00996	not DE	not DE
EVM0000873	LG12	50S ribosomal protein 5, chl	not DE	not DE	1.006619	0.00484
EVM0005942	LG12	60S ribosomal export protein	not DE	not DE	not DE	not DE
EVM0002402	LG12	65-kDa microtubule-associate	not DE	not DE	not DE	not DE
EVM0006933	LG12	7-ethoxycoumarin O-deethylas	not DE	not DE	not DE	not DE
EVM0017611	LG12	ABC transporter B family mem	not DE	not DE	not DE	not DE
EVM0022501	LG12	ABC transporter C family mem	3.138251	2.48E-06	not DE	not DE
EVM0019161	LG12	ABC transporter G family mem	not DE	not DE	not DE	not DE
EVM0003937	LG12	ADP-ribosylation factor-rela	not DE	not DE	not DE	not DE
EVM0005796	LG12	ADP-ribosylation factor-rela	not DE	not DE	not DE	not DE
EVM0000919	LG12	ALA-interacting subunit 3	not DE	not DE	not DE	not DE
EVM0019096	LG12	ALA-interacting subunit 3-li	not DE	not DE	not DE	not DE
EVM0010938	LG12	APO protein 3, mitochondrial	not DE	not DE	not DE	not DE
EVM0020190	LG12	ATP-dependent zinc metallopr	not DE	not DE	not DE	not DE
EVM0014123	LG12	B3 domain-containing protein	not DE	not DE	not DE	not DE
EVM0024361	LG12	BAG family molecular chapero	not DE	not DE	not DE	not DE
EVM0014610	LG12	CCR4-NOT transcription compl	not DE	not DE	not DE	not DE
EVM0023113	LG12	CCR4-NOT transcription compl	not DE	not DE	not DE	not DE
EVM0023039	LG12	DELLA protein GAI-like	not DE	not DE	not DE	not DE
EVM0006847	LG12	DELLA protein RGL1-like	-3.176	0.012161	not DE	not DE
EVM0017801	LG12	DNA gyrase subunit B, chloro	not DE	not DE	not DE	not DE
EVM0001293	LG12	DNA helicase IN080-like	not DE	not DE	not DE	not DE
EVM0012902	LG12	E3 ubiquitin protein ligase	not DE	not DE	not DE	not DE
EVM0019850	LG12	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0011734	LG12	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0023672	LG12	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0006319	LG12	F-box protein At5g51380-like	not DE	not DE	not DE	not DE
EVM0014887	LG12	F-box protein At5g51380-like	not DE	not DE	not DE	not DE
EVM0017654	LG12	F-box protein At5g52880-like	not DE	not DE	not DE	not DE
EVM0007271	LG12	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0021674	LG12	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0016700	LG12	G2/mitotic-specific cyclin S	not DE	not DE	2.810093	0.01052
EVM0003798	LG12	GDP-mannose transporter GONS	not DE	not DE	not DE	not DE
EVM0009740	LG12	GDP-mannose transporter GONS	not DE	not DE	not DE	not DE
EVM0021806	LG12	L-galactono-1,4-lactone dehy	not DE	not DE	not DE	not DE
EVM0014163	LG12	LRR receptor-like serine/thr	not DE	not DE	not DE	not DE
EVM0023169	LG12	MADS-box transcription facto	not DE	not DE	not DE	not DE
EVM0003228	LG12	MADS-box transcription facto	not DE	not DE	not DE	not DE
EVM0003250	LG12	MATE efflux family protein 7	not DE	not DE	not DE	not DE
EVM0019197	LG12	MATE efflux family protein L	not DE	not DE	not DE	not DE
EVM0002053	LG12	NAC domain-containing protei	not DE	not DE	not DE	not DE
EVM0001842	LG12	NADH dehydrogenase	not DE	not DE	not DE	not DE
EVM0020809	LG12	NO-associated protein 1, chl	not DE	not DE	not DE	not DE
EVM0017536	LG12	OTU domain-containing protei	-2.23077	8.55E-06	not DE	not DE
EVM0023790	LG12	PHD finger protein MALE MEI	not DE	not DE	not DE	not DE
EVM0001096	LG12	PTI1-like tyrosine-protein k	not DE	not DE	not DE	not DE
EVM0010446	LG12	QWRF motif-containing protei	not DE	not DE	not DE	not DE
EVM0010356	LG12	RNA-binding protein 5-like i	not DE	not DE	not DE	not DE
EVM0000836	LG12	RNA-dependent RNA polymerase	not DE	not DE	not DE	not DE
EVM0009215	LG12	RNA-dependent RNA polymerase	not DE	not DE	not DE	not DE
EVM0014576	LG12	RNA-dependent RNA polymerase	not DE	not DE	not DE	not DE
EVM0002658	LG12	RRP12-like protein-like isof	not DE	not DE	not DE	not DE

EVM0011912	LG12	S-type anion channel SLAH3-1	not DE	not DE	not DE	not DE
EVM0012501	LG12	SKP1-like protein 21-like	not DE	not DE	not DE	not DE
EVM0005765	LG12	UDP-glycosyltransferase 88A1	not DE	not DE	-1.5661	0.00013
EVM0015976	LG12	UDP-glycosyltransferase 88A1	-1.6554	0.003631	not DE	not DE
EVM0002276	LG12	UPF0481 protein At3g47200-li	not DE	not DE	not DE	not DE
EVM0010140	LG12	UPF0481 protein At3g47200-li	not DE	not DE	not DE	not DE
EVM0014724	LG12	UPF0481 protein At3g47200-li	-2.03196	0.031659	not DE	not DE
EVM0007418	LG12	UPF0678 fatty acid-binding p	not DE	not DE	1.365342	#####
EVM0003953	LG12	WAT1-related protein At5g070	not DE	not DE	-1.30043	0.00869
EVM0013309	LG12	WD repeat-containing protein	not DE	not DE	not DE	not DE
EVM0023447	LG12	WD repeat-containing protein	not DE	not DE	not DE	not DE
EVM0002467	LG12	Werner Syndrome-like exonucl	not DE	not DE	not DE	not DE
EVM0001290	LG12	Werner Syndrome-like exonucl	not DE	not DE	not DE	not DE
EVM0021745	LG12	acetylornithine aminotransfe	not DE	not DE	not DE	not DE
EVM0020572	LG12	actin-depolymerizing factor	not DE	not DE	not DE	not DE
EVM0020279	LG12	agamous-like MADS-box protei	not DE	not DE	not DE	not DE
EVM0014503	LG12	agamous-like MADS-box protei	not DE	not DE	not DE	not DE
EVM0021541	LG12	aldose 1-epimerase-like	not DE	not DE	not DE	not DE
EVM0024443	LG12	alpha-L-fucosidase 1-like	-3.3849	0.000496	not DE	not DE
EVM0013149	LG12	alpha-ketoglutarate-dependen	not DE	not DE	not DE	not DE
EVM0019915	LG12	alpha/beta hydrolase domain	not DE	not DE	not DE	not DE
EVM0023047	LG12	apurinic endonuclease-redox	not DE	not DE	not DE	not DE
EVM0003435	LG12	armadillo repeat-containing	not DE	not DE	not DE	not DE
EVM0019995	LG12	aspartic proteinase nepenthe	not DE	not DE	not DE	not DE
EVM0006907	LG12	autophagy protein 5-like isc	not DE	not DE	not DE	not DE
EVM0020250	LG12	autophagy protein 5-like isc	not DE	not DE	not DE	not DE
EVM0023211	LG12	beta-glucosidase 44-like	not DE	not DE	not DE	not DE
EVM0015249	LG12	bidirectional sugar transport	not DE	not DE	not DE	not DE
EVM0016127	LG12	bidirectional sugar transport	not DE	not DE	not DE	not DE
EVM0024487	LG12	bidirectional sugar transport	not DE	not DE	not DE	not DE
EVM0017985	LG12	calcium-transporting ATPase	not DE	not DE	not DE	not DE
EVM0015783	LG12	carboxylesterase 1-like	not DE	not DE	not DE	not DE
EVM0018558	LG12	carboxylesterase 1-like	not DE	not DE	not DE	not DE
EVM0004209	LG12	casbene synthase, chloroplas	not DE	not DE	not DE	not DE
EVM0021527	LG12	casbene synthase, chloroplas	not DE	not DE	not DE	not DE
EVM0024158	LG12	cell number regulator 6-like	not DE	not DE	not DE	not DE
EVM0001041	LG12	centromere-associated protei	not DE	not DE	not DE	not DE
EVM0008704	LG12	chaperone protein dnaJ 6-lik	not DE	not DE	1.222872	0.0065
EVM0006109	LG12	chloroplastic group IIA intr	not DE	not DE	not DE	not DE
EVM0010792	LG12	chloroplastic group IIB intr	not DE	not DE	not DE	not DE
EVM0005515	LG12	cleavage and polyadenylation	not DE	not DE	not DE	not DE
EVM0005685	LG12	condensin complex subunit 3-	not DE	not DE	not DE	not DE
EVM0001292	LG12	conserved oligomeric Golgi c	not DE	not DE	not DE	not DE
EVM0008989	LG12	cyclic nucleotide-gated ion	not DE	not DE	not DE	not DE
EVM0008151	LG12	cyclin-U4-1-like	not DE	not DE	not DE	not DE
EVM0011611	LG12	cyclin-dependent kinase F-4	not DE	not DE	not DE	not DE
EVM0012829	LG12	cysteine proteinase inhibitor	not DE	not DE	not DE	not DE
EVM0011227	LG12	cysteine-rich receptor-like	not DE	not DE	not DE	not DE
EVM0013942	LG12	cysteine-rich repeat secret	not DE	not DE	not DE	not DE
EVM0001133	LG12	cytochrome P450 93A1-like	-2.41351	5.02E-05	-1.26262	#####
EVM0010164	LG12	cytochrome P450 93A1-like	not DE	not DE	not DE	not DE
EVM0005697	LG12	cytochrome P450 93A3-like	not DE	not DE	not DE	not DE
EVM0002150	LG12	cytochrome P450 98A2-like	not DE	not DE	not DE	not DE
EVM0023137	LG12	delta(7)-sterol-C5(6)-desatu	not DE	not DE	not DE	not DE

EVM0007038	LG12	dentin sialophosphoprotein-1	not DE	not DE	not DE	not DE
EVM0010194	LG12	discs large homolog 1-like p	not DE	not DE	not DE	not DE
EVM0022159	LG12	double-stranded RNA-binding	not DE	not DE	not DE	not DE
EVM0007340	LG12	ell-associated factor Eaf-li	not DE	not DE	not DE	not DE
EVM0021890	LG12	elongator complex protein 5-	not DE	not DE	not DE	not DE
EVM0012499	LG12	endoglucanase 8-like	not DE	not DE	not DE	not DE
EVM0019836	LG12	enolase	1.56488	0.02615	1.92481	#####
EVM0012901	LG12	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0000116	LG12	eukaryotic translation initi	not DE	not DE	not DE	not DE
EVM0000093	LG12	exosome complex component RR	not DE	not DE	not DE	not DE
EVM0003347	LG12	expansin-B15-like	not DE	not DE	not DE	not DE
EVM0009570	LG12	expansin-B15-like	not DE	not DE	not DE	not DE
EVM0018351	LG12	expansin-B15-like	not DE	not DE	not DE	not DE
EVM0022339	LG12	expansin-B15-like	not DE	not DE	not DE	not DE
EVM0001639	LG12	ferric reduction oxidase 4-l	not DE	not DE	not DE	not DE
EVM0017463	LG12	flavonoid 3&apos;-monooxygen	not DE	not DE	not DE	not DE
EVM0012071	LG12	folylpolyglutamate synthase,	not DE	not DE	not DE	not DE
EVM0004399	LG12	folylpolyglutamate synthase-	not DE	not DE	not DE	not DE
EVM0003284	LG12	genome polyprotein-like	not DE	not DE	not DE	not DE
EVM0009864	LG12	geranylgeranyl pyrophosphate	not DE	not DE	not DE	not DE
EVM0019232	LG12	geranylgeranyl pyrophosphate	not DE	not DE	not DE	not DE
EVM0014147	LG12	gibberellin 20 oxidase 1-lik	not DE	not DE	not DE	not DE
EVM0019902	LG12	glutamate synthase 1	not DE	not DE	not DE	not DE
EVM0001198	LG12	glutaminy-peptide cyclotran	not DE	not DE	not DE	not DE
EVM0022361	LG12	glutathione S-transferase FL	5.227053	0.010656	not DE	not DE
EVM0007672	LG12	glycerol-3-phosphate dehydro	not DE	not DE	not DE	not DE
EVM0007729	LG12	heat shock protein 83-like	-4.98251	5.25E-11	-3.10078	#####
EVM0008953	LG12	heavy metal-associated isopr	not DE	not DE	not DE	not DE
EVM0018746	LG12	homeobox-leucine zipper prot	not DE	not DE	not DE	not DE
EVM0000853	LG12	homeobox-leucine zipper prot	not DE	not DE	not DE	not DE
EVM0012159	LG12	inactive rhomboid protein 1-	not DE	not DE	not DE	not DE
EVM0020539	LG12	inactive rhomboid protein 1-	3.787387	0.008345	4.023107	0.00235
EVM0021922	LG12	isocitrate dehydrogenase	not DE	not DE	not DE	not DE
EVM0007187	LG12	kinesin-4-like	not DE	not DE	not DE	not DE
EVM0024066	LG12	kinesin-like protein KIF22-A	not DE	not DE	2.451298	0.00373
EVM0012495	LG12	leucine-rich repeat receptor	not DE	not DE	not DE	not DE
EVM0007653	LG12	lipid phosphate phosphatase	not DE	not DE	not DE	not DE
EVM0006334	LG12	lish domain and HEAT repeat-	not DE	not DE	not DE	not DE
EVM0023117	LG12	low-temperature-induced 65 k	3.914137	0.00012	not DE	not DE
EVM0019393	LG12	luc7-like protein 3	not DE	not DE	not DE	not DE
EVM0020917	LG12	magnesium-chelatase subunit	not DE	not DE	not DE	not DE
EVM0019749	LG12	mannose-6-phosphate isomeras	not DE	not DE	not DE	not DE
EVM0021062	LG12	methyltransferase-like prote	not DE	not DE	not DE	not DE
EVM0007584	LG12	microcephalin-like isoform X	not DE	not DE	not DE	not DE
EVM0000448	LG12	mitochondrial ribosome-assoc	not DE	not DE	not DE	not DE
EVM0022100	LG12	molybdenum cofactor sulfuras	1.003201	0.025231	not DE	not DE
EVM0005955	LG12	molybdenum cofactor sulfuras	not DE	not DE	1.11191	0.0103
EVM0009653	LG12	monocopper oxidase-like prot	not DE	not DE	not DE	not DE
EVM0001086	LG12	myb family transcription fac	-1.25878	0.000423	not DE	not DE
EVM0006037	LG12	nephrocystin-3-like	not DE	not DE	not DE	not DE
EVM0004227	LG12	nitric oxide-associated prot	not DE	not DE	not DE	not DE
EVM0004887	LG12	nitric oxide-associated prot	not DE	not DE	not DE	not DE
EVM0019331	LG12	non-functional NADPH-depende	not DE	not DE	not DE	not DE
EVM0005110	LG12	nuclear transcription factor	not DE	not DE	not DE	not DE

EVM0013147	LG12	nucleolar protein 10-like	not DE	not DE	not DE	not DE
EVM0016329	LG12	nudix hydrolase 16, mitochond	not DE	not DE	not DE	not DE
EVM0012214	LG12	oleosin 1-like	not DE	not DE	not DE	not DE
EVM0016283	LG12	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0020559	LG12	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0017043	LG12	pentatricopeptide repeat-con	2.419752	0.000615	not DE	not DE
EVM0007164	LG12	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0014873	LG12	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0022377	LG12	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0012241	LG12	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0016048	LG12	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0003614	LG12	peroxidase 66-like	not DE	not DE	not DE	not DE
EVM0015382	LG12	peroxidase 66-like	not DE	not DE	not DE	not DE
EVM0004516	LG12	peroxisomal membrane protein	not DE	not DE	not DE	not DE
EVM0015979	LG12	phosphate transporter PHO1 h	not DE	not DE	not DE	not DE
EVM0023820	LG12	phosphatidylinositol N-acety	not DE	not DE	not DE	not DE
EVM0023815	LG12	phosphoglucosyltransferase, chloropl	not DE	not DE	not DE	not DE
EVM0022258	LG12	plastidic glucose transporter	not DE	not DE	not DE	not DE
EVM0016491	LG12	polygalacturonase-like	not DE	not DE	not DE	not DE
EVM0020273	LG12	polyglutamine-binding protein	not DE	not DE	not DE	not DE
EVM0021109	LG12	polypyrimidine tract-binding	not DE	not DE	not DE	not DE
EVM0003678	LG12	probable E3 ubiquitin-protein	not DE	not DE	not DE	not DE
EVM0011497	LG12	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0014539	LG12	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0021916	LG12	probable RNA helicase SDE3	not DE	not DE	not DE	not DE
EVM0007330	LG12	probable U3 small nucleolar	not DE	not DE	not DE	not DE
EVM0016319	LG12	probable UMP-CMP kinase 2	not DE	not DE	not DE	not DE
EVM0022675	LG12	probable aquaporin NIP-type	not DE	not DE	not DE	not DE
EVM0001951	LG12	probable fructokinase-4	not DE	not DE	not DE	not DE
EVM0013986	LG12	probable galactinol--sucrose	2.444026	0.00325	not DE	not DE
EVM0010485	LG12	probable membrane-associated	not DE	not DE	not DE	not DE
EVM0004615	LG12	probable methyltransferase P	not DE	not DE	not DE	not DE
EVM0001259	LG12	probable pectinesterase/pect	not DE	not DE	not DE	not DE
EVM0008900	LG12	probable peptide/nitrate tra	not DE	not DE	not DE	not DE
EVM0019419	LG12	probable protein S-acyltrans	not DE	not DE	not DE	not DE
EVM0017529	LG12	probable protein S-acyltrans	not DE	not DE	not DE	not DE
EVM0018267	LG12	probable quinone oxidoreduct	not DE	not DE	not DE	not DE
EVM0020487	LG12	probable quinone oxidoreduct	not DE	not DE	not DE	not DE
EVM0011254	LG12	probable rRNA-processing pro	not DE	not DE	not DE	not DE
EVM0007122	LG12	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0020777	LG12	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0020036	LG12	probable serine/threonine-pr	not DE	not DE	not DE	not DE
EVM0014292	LG12	probable serine/threonine-pr	not DE	not DE	not DE	not DE
EVM0017998	LG12	probable sugar phosphate/pho	-1.54218	0.046327	not DE	not DE
EVM0005519	LG12	probable trehalose-phosphate	not DE	not DE	not DE	not DE
EVM0024495	LG12	probably inactive leucine-ri	not DE	not DE	not DE	not DE
EVM0010165	LG12	proline-rich protein 2-like	not DE	not DE	not DE	not DE
EVM0010112	LG12	proline-rich receptor-like p	not DE	not DE	not DE	not DE
EVM0000567	LG12	proteasome subunit alpha typ	not DE	not DE	not DE	not DE
EVM0022961	LG12	protein DJ-1 homolog D	not DE	not DE	not DE	not DE
EVM0005480	LG12	protein EARLY RESPONSIVE TO	not DE	not DE	not DE	not DE
EVM0023595	LG12	protein EARLY RESPONSIVE TO	1.636275	0.029122	not DE	not DE
EVM0005160	LG12	protein FEZ-like	not DE	not DE	not DE	not DE
EVM0023194	LG12	protein FEZ-like	not DE	not DE	not DE	not DE

EVM0007512	LG12	protein GAST1-like	not DE	not DE	not DE	not DE
EVM0014993	LG12	protein GAST1-like	not DE	not DE	not DE	not DE
EVM0014730	LG12	protein LST8 homolog isoform	not DE	not DE	not DE	not DE
EVM0014418	LG12	protein PLASTID MOVEMENT IMP	not DE	not DE	not DE	not DE
EVM0006894	LG12	protein RFT1 homolog	not DE	not DE	not DE	not DE
EVM0020682	LG12	protein SEC13 homolog	not DE	not DE	not DE	not DE
EVM0017619	LG12	protein TPX2-like	not DE	not DE	not DE	not DE
EVM0023175	LG12	protein TPX2-like isoform X1	not DE	not DE	not DE	not DE
EVM0008984	LG12	protein TRANSPARENT TESTA 12	not DE	not DE	not DE	not DE
EVM0009596	LG12	protein notum homolog isoform	not DE	not DE	not DE	not DE
EVM0009341	LG12	protein strawberry notch-like	not DE	not DE	not DE	not DE
EVM0023637	LG12	protein sym-1	not DE	not DE	not DE	not DE
EVM0002303	LG12	psbP domain-containing prote	not DE	not DE	not DE	not DE
EVM0005089	LG12	putative 4-hydroxy-tetrahydr	not DE	not DE	not DE	not DE
EVM0023803	LG12	putative Peroxidase 48-like	not DE	not DE	not DE	not DE
EVM0003424	LG12	putative disease resistance	not DE	not DE	not DE	not DE
EVM0023699	LG12	putative disease resistance	not DE	not DE	not DE	not DE
EVM0023723	LG12	putative lipase ROG1-like	not DE	not DE	not DE	not DE
EVM0011890	LG12	putative pentatricopeptide r	1.466205	0.037059	not DE	not DE
EVM0000925	LG12	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0006789	LG12	putative pentatricopeptide r	2.089385	0.005056	not DE	not DE
EVM0017510	LG12	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0010161	LG12	putative transporter arsB-li	1.152616	0.044828	not DE	not DE
EVM0021418	LG12	putative transporter arsB-li	not DE	not DE	not DE	not DE
EVM0002398	LG12	putative two-component respo	not DE	not DE	not DE	not DE
EVM0006588	LG12	putative two-component respo	not DE	not DE	not DE	not DE
EVM0014138	LG12	putative uncharacterized pro	not DE	not DE	not DE	not DE
EVM0015313	LG12	putative uncharacterized pro	not DE	not DE	not DE	not DE
EVM0011176	LG12	pyrroline-5-carboxylate redu	not DE	not DE	not DE	not DE
EVM0014885	LG12	rab proteins geranylgeranyl	not DE	not DE	not DE	not DE
EVM0018869	LG12	rab proteins geranylgeranyl	not DE	not DE	not DE	not DE
EVM0019344	LG12	ras-related protein RABD2a-l	not DE	not DE	not DE	not DE
EVM0012979	LG12	ribulose biphosphate carbox	-2.17195	0.002022	not DE	not DE
EVM0015427	LG12	serine carboxypeptidase-like	not DE	not DE	not DE	not DE
EVM0007219	LG12	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0002122	LG12	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0003173	LG12	short-chain dehydrogenase TI	not DE	not DE	not DE	not DE
EVM0013574	LG12	short-chain dehydrogenase TI	not DE	not DE	not DE	not DE
EVM0017948	LG12	short-chain dehydrogenase TI	not DE	not DE	not DE	not DE
EVM0017939	LG12	short-chain dehydrogenase TI	not DE	not DE	not DE	not DE
EVM0019185	LG12	short-chain dehydrogenase TI	not DE	not DE	not DE	not DE
EVM0013128	LG12	sigma factor binding protein	not DE	not DE	2.278929	#####
EVM0006936	LG12	sorbitol dehydrogenase	not DE	not DE	not DE	not DE
EVM0013607	LG12	spermine synthase-like isof	not DE	not DE	not DE	not DE
EVM0016988	LG12	stellacyanin-like	not DE	not DE	not DE	not DE
EVM0018670	LG12	stress response protein NST1	not DE	not DE	not DE	not DE
EVM0013542	LG12	strictosidine synthase 1-lik	not DE	not DE	not DE	not DE
EVM0012053	LG12	structural maintenance of ch	not DE	not DE	not DE	not DE
EVM0012564	LG12	structural maintenance of ch	not DE	not DE	not DE	not DE
EVM0008512	LG12	structural maintenance of ch	not DE	not DE	not DE	not DE
EVM0023040	LG12	sucrose synthase 6-like	not DE	not DE	not DE	not DE
EVM0005468	LG12	traB domain-containing prote	not DE	not DE	not DE	not DE
EVM0018179	LG12	transcription elongation fac	not DE	not DE	not DE	not DE
EVM0000256	LG12	transcription factor BEE 3-l	not DE	not DE	1.662579	0.02146

EVM0016029	LG12	transcription factor JUNGBR1	not DE	not DE	not DE	not DE
EVM0018775	LG12	transcription factor ORG2	not DE	not DE	not DE	not DE
EVM0024174	LG12	transcription factor bHLH106	not DE	not DE	not DE	not DE
EVM0010442	LG12	transcription factor bHLH126	not DE	not DE	not DE	not DE
EVM0020293	LG12	transcription factor bHLH130	not DE	not DE	not DE	not DE
EVM0013296	LG12	transcriptional corepressor	not DE	not DE	not DE	not DE
EVM0023234	LG12	transketolase, chloroplastic	not DE	not DE	not DE	not DE
EVM0011416	LG12	trehalose-phosphate phosphatase	not DE	not DE	not DE	not DE
EVM0013874	LG12	triacylglycerol lipase SDP1	-1.489212	0.047423	not DE	not DE
EVM0023601	LG12	tripeptidyl-peptidase 2-like	not DE	not DE	-1.00998	0.00311
EVM0001218	LG12	troponin T, cardiac muscle-like	not DE	not DE	not DE	not DE
EVM0006990	LG12	ubiquitin carboxyl-terminal hydrolase	not DE	not DE	not DE	not DE
EVM0023182	LG12	ubiquitin-NEDD8-like protein	not DE	not DE	not DE	not DE
EVM0023287	LG12	uncharacterized protein At3g53210	not DE	not DE	-1.37889	#####
EVM0020859	LG12	uncharacterized protein CIA6	not DE	not DE	not DE	not DE
EVM0023068	LG12	uncharacterized protein CIA6	not DE	not DE	not DE	not DE
EVM0017289	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0000069	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0002174	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0023271	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0020676	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0021262	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0022070	LG12	uncharacterized protein LOC101928251	-1.85256	2.40E-05	not DE	not DE
EVM0014583	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0014875	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0022625	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0004873	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0013027	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0019309	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0010983	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0000263	LG12	uncharacterized protein LOC101928251	not DE	not DE	1.623912	0.01373
EVM0013171	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0008293	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0000389	LG12	uncharacterized protein LOC101928251	2.51363	0.000239	not DE	not DE
EVM0001912	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0007760	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0022593	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0000007	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0002737	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0009297	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0021268	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0001112	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0020381	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0000880	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0017403	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0017454	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0023022	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0019406	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0014813	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0008337	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0013681	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0002508	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0007537	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE
EVM0024065	LG12	uncharacterized protein LOC101928251	not DE	not DE	not DE	not DE



EVM0021470	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0022289	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0005094	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0008692	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0002616	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0002277	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0016612	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0005639	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0021517	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0017127	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0001289	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0024466	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0015810	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0011229	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0020021	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0010193	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0023460	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0018247	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0007422	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0022386	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0007353	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0013957	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0016219	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0011022	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0015107	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0018596	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0017696	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0002492	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0002245	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0003280	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0002067	LG12	uncharacterized protein	LOC1	not DE	not DE	1.262612	#####
EVM0012181	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0004543	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0021006	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0002632	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0006019	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0019585	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0014420	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0000848	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0017697	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0017972	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0002905	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0022703	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0000696	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0013668	LG12	uncharacterized protein	LOC1	not DE	not DE	1.127538	0.00011
EVM0004658	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0006100	LG12	uncharacterized protein	LOC1	-1.45661	0.026721	not DE	not DE
EVM0007587	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0019116	LG12	uncharacterized protein	LOC1	not DE	not DE	not DE	not DE
EVM0023014	LG12	uncharacterized protein	MTH_	not DE	not DE	not DE	not DE
EVM0023183	LG12	uncharacterized protein	PAM6	not DE	not DE	not DE	not DE
EVM0021913	LG12	uncharacterized protein	ycf2	not DE	not DE	not DE	not DE
EVM0007485	LG12	vacuolar amino acid transport		not DE	not DE	not DE	not DE
EVM0014597	LG12	vestitone reductase-like		not DE	not DE	not DE	not DE

EVM0000060	LG12	zeatin O-glucosyltransferase	not DE	not DE	not DE	not DE
EVM0000021	LG12	zinc finger A20 and AN1 domain	not DE	not DE	not DE	not DE
EVM0017863	LG12	zinc finger AN1 and C2H2 domain	not DE	not DE	not DE	not DE
EVM0017907	LG12	zinc finger CCCH domain-containing	not DE	not DE	not DE	not DE
EVM0000370	LG12	zinc finger CCCH domain-containing	not DE	not DE	not DE	not DE
EVM0006807	LG12	zinc finger protein 4-like	not DE	not DE	not DE	not DE
EVM0016749	LG12	zinc finger protein WIP2	not DE	not DE	not DE	not DE
EVM0015556	LG12	1-amino-cyclopropane-1-carboxylate	not DE	not DE	not DE	not DE
EVM0023359	LG12	2-hydroxyacyl-CoA lyase	1.948297	0.019533	not DE	not DE
EVM0003764	LG12	23.6 kDa heat shock, mitochondrial	-5.84336	1.78E-09	-3.36966	#####
EVM0006660	LG12	3'-N-debenzoyl-2'-deoxyadenosine	not DE	not DE	not DE	not DE
EVM0015690	LG12	30S ribosomal protein S11 (chloroplast)	-2.01015	0.000242	not DE	not DE
EVM0001681	LG12	30S ribosomal protein S14 (chloroplast)	-1.60285	0.005054	not DE	not DE
EVM0016151	LG12	30S ribosomal protein S4 (chloroplast)	-1.88459	0.025817	not DE	not DE
EVM0006554	LG12	40S ribosomal S10-3-like protein	not DE	not DE	not DE	not DE
EVM0010541	LG12	5'-AMP-activated protein kinase	not DE	not DE	not DE	not DE
EVM0015252	LG12	50S ribosomal L15	not DE	not DE	not DE	not DE
EVM0005940	LG12	60S ribosomal protein L15	not DE	not DE	not DE	not DE
EVM0013958	LG12	60S ribosomal protein L15	not DE	not DE	not DE	not DE
EVM0017374	LG12	60S ribosomal protein L15	not DE	not DE	not DE	not DE
EVM0009707	LG12	60S ribosomal protein L36-2	not DE	not DE	not DE	not DE
EVM0000569	LG12	ADP-ribosylation factor, putative	not DE	not DE	not DE	not DE
EVM0023212	LG12	AGC kinase 1.5	not DE	not DE	not DE	not DE
EVM0017408	LG12	AMP-dependent synthetase and lyase	not DE	not DE	not DE	not DE
EVM0001843	LG12	AP2/ERF domain-containing transcription factor	not DE	not DE	not DE	not DE
EVM0006642	LG12	AP2/ERF domain-containing transcription factor	not DE	not DE	not DE	not DE
EVM0021761	LG12	ARABIDILLO-1 isoform 1	not DE	not DE	not DE	not DE
EVM0018767	LG12	ARM repeat superfamily protein	not DE	not DE	not DE	not DE
EVM0001090	LG12	ATP-dependent Clp protease ATP-binding subunit ClpX	not DE	not DE	not DE	not DE
EVM0012841	LG12	Alpha/beta-Hydrolases superfamily class A member	not DE	not DE	not DE	not DE
EVM0021912	LG12	Annexin 1	not DE	not DE	1.505327	0.03112
EVM0009386	LG12	Autophagy-related protein 3	not DE	not DE	2.022783	#####
EVM0008783	LG12	Auxin efflux carrier family protein	not DE	not DE	not DE	not DE
EVM0005801	LG12	BCL-2-associated athanogene 7	not DE	not DE	not DE	not DE
EVM0004174	LG12	CRT/DRE-binding factor	5.027091	0.000793	not DE	not DE
EVM0024297	LG12	Caspase, putative	not DE	not DE	not DE	not DE
EVM0018487	LG12	Cleavage/polyadenylation specificity factor	not DE	not DE	not DE	not DE
EVM0023383	LG12	Cytochrome P450 704C1	not DE	not DE	not DE	not DE
EVM0007609	LG12	Cytochrome P450 monooxygenase	not DE	not DE	-2.26989	0.00037
EVM0018503	LG12	Cytochrome P450, family 706, subfamily 1	not DE	not DE	not DE	not DE
EVM0006379	LG12	Cytochrome P450, putative	not DE	not DE	not DE	not DE
EVM0010333	LG12	Cytochrome P450, putative	-2.9068	0.01489	not DE	not DE
EVM0022255	LG12	Cytochrome P450, putative	not DE	not DE	not DE	not DE
EVM0011871	LG12	DCN1-like protein 2	not DE	not DE	not DE	not DE
EVM0003841	LG12	DNA-directed RNA polymerase I	-2.25289	3.24E-19	-1.63922	#####
EVM0019546	LG12	Dicarboxylate diiron protein	-2.12241	0.003767	not DE	not DE
EVM0007743	LG12	Double Clp-N motif protein	not DE	not DE	not DE	not DE
EVM0023345	LG12	Ethylene response factor 2	not DE	not DE	not DE	not DE
EVM0002813	LG12	Ethylene-responsive transcription factor	not DE	not DE	not DE	not DE
EVM0022197	LG12	F-box protein	not DE	not DE	not DE	not DE
EVM0005070	LG12	F1504.13	not DE	not DE	not DE	not DE
EVM0015367	LG12	F1504.13	not DE	not DE	not DE	not DE
EVM0001715	LG12	Glutamate decarboxylase	not DE	not DE	not DE	not DE
EVM0022239	LG12	Glutathione-regulated potassium channel	not DE	not DE	not DE	not DE

EVM0007349	LG12	Heat Stress Transcription Factor	not DE	not DE	not DE	not DE
EVM0014086	LG12	Heat shock transcription factor	-2.0935	5.42E-05	-1.40839	#####
EVM0017367	LG12	IQ-domain 24, putative	not DE	not DE	not DE	not DE
EVM0007130	LG12	Insulinase (Peptidase family	not DE	not DE	not DE	not DE
EVM0001992	LG12	Integrase-type DNA-binding su	not DE	not DE	not DE	not DE
EVM0014310	LG12	Integrase-type DNA-binding su	not DE	not DE	not DE	not DE
EVM0001246	LG12	Integrase-type DNA-binding su	not DE	not DE	not DE	not DE
EVM0024025	LG12	KDEL motif-containing protein	not DE	not DE	not DE	not DE
EVM0004791	LG12	Kinase superfamily protein is	not DE	not DE	not DE	not DE
EVM0009758	LG12	LOB domain-containing protein	not DE	not DE	not DE	not DE
EVM0019500	LG12	Leucine-rich repeat protein k	not DE	not DE	not DE	not DE
EVM0021482	LG12	Leucine-rich repeat protein k	not DE	not DE	not DE	not DE
EVM0016034	LG12	Leucine-rich repeat receptor-	not DE	not DE	not DE	not DE
EVM0013278	LG12	Long-chain basel isoform 1	not DE	not DE	not DE	not DE
EVM0005165	LG12	Major facilitator superfamily	not DE	not DE	not DE	not DE
EVM0017789	LG12	Major facilitator superfamily	not DE	not DE	not DE	not DE
EVM0015766	LG12	Membrane steroid-binding 2 -l	not DE	not DE	not DE	not DE
EVM0020525	LG12	Microtubule-associated protein	not DE	not DE	not DE	not DE
EVM0016152	LG12	Myb domain protein 6	not DE	not DE	not DE	not DE
EVM0004297	LG12	Myb transcription factor	not DE	not DE	not DE	not DE
EVM0010399	LG12	Myosin heavy chain-related is	not DE	not DE	not DE	not DE
EVM0014185	LG12	Myosin heavy chain-related pr	not DE	not DE	not DE	not DE
EVM0013765	LG12	NADH dehydrogenase, putative	not DE	not DE	not DE	not DE
EVM0024532	LG12	NC domain-containing family p	not DE	not DE	not DE	not DE
EVM0004359	LG12	Nuclear factor Y, putative is	not DE	not DE	not DE	not DE
EVM0021286	LG12	Nuclear transcription factor	not DE	not DE	not DE	not DE
EVM0011215	LG12	P-loop containing nucleoside	not DE	not DE	1.121873	0.00751
EVM0004649	LG12	PAR1 protein	not DE	not DE	not DE	not DE
EVM0022533	LG12	PRP38 family protein isoform	not DE	not DE	not DE	not DE
EVM0024644	LG12	Pentatricopeptide repeat supe	not DE	not DE	not DE	not DE
EVM0013964	LG12	Pentatricopeptide repeat-cont	not DE	not DE	not DE	not DE
EVM0014283	LG12	Phloem protein 2-A13	1.305683	0.020988	not DE	not DE
EVM0017894	LG12	Phosphatase 2C family protein	not DE	not DE	not DE	not DE
EVM0012686	LG12	Phosphatidyl inositol monopho	not DE	not DE	not DE	not DE
EVM0003730	LG12	Phosphoribosyltransferase fam	not DE	not DE	not DE	not DE
EVM0003211	LG12	Potassium transporter, putati	6.890178	0.000941	not DE	not DE
EVM0008533	LG12	Prenyltransferase superfami	not DE	not DE	not DE	not DE
EVM0009589	LG12	Prenyltransferase superfami	not DE	not DE	not DE	not DE
EVM0020405	LG12	Putative phagocytic receptor	not DE	not DE	not DE	not DE
EVM0003578	LG12	RING/FYVE/PHD zinc finger sup	not DE	not DE	not DE	not DE
EVM0024347	LG12	RING/FYVE/PHD zinc finger sup	not DE	not DE	not DE	not DE
EVM0017790	LG12	Regulatory NPR5 -like protein	not DE	not DE	not DE	not DE
EVM0023586	LG12	Retrovirus-related Pol polypr	not DE	not DE	not DE	not DE
EVM0014816	LG12	Rhd six-like 1, putative	not DE	not DE	not DE	not DE
EVM0004504	LG12	Ribosomal protein S10p/S20e f	not DE	not DE	not DE	not DE
EVM0016688	LG12	SEC14 cytosolic factor family	not DE	not DE	not DE	not DE
EVM0007716	LG12	SKP1	not DE	not DE	not DE	not DE
EVM0014727	LG12	SOC1-like protein 2	not DE	not DE	not DE	not DE
EVM0023949	LG12	SWITCH1, putative	not DE	not DE	not DE	not DE
EVM0019509	LG12	Scarecrow-like protein 8, put	not DE	not DE	not DE	not DE
EVM0010747	LG12	Serine/threonine protein kina	not DE	not DE	not DE	not DE
EVM0009351	LG12	Short-chain dehydrogenase-red	not DE	not DE	not DE	not DE
EVM0014184	LG12	Spindle assembly abnormal pro	not DE	not DE	not DE	not DE
EVM0018701	LG12	T-complex protein 11-like pro	not DE	not DE	not DE	not DE

EVM0008200	LG12	TCP family transcription fact	not DE	not DE	not DE	not DE
EVM0014314	LG12	TCP family transcription fact	not DE	not DE	not DE	not DE
EVM0016867	LG12	TGACG motif-binding factor 6	not DE	not DE	not DE	not DE
EVM0010025	LG12	THO complex subunit 4-like pr	not DE	not DE	not DE	not DE
EVM0022170	LG12	TPX2 family protein	not DE	not DE	not DE	not DE
EVM0006333	LG12	Tetratricopeptide repeat-like	not DE	not DE	not DE	not DE
EVM0018734	LG12	Transmembrane isoform 1	not DE	not DE	not DE	not DE
EVM0004592	LG12	Tripeptidyl-peptidase 2	not DE	not DE	not DE	not DE
EVM0019114	LG12	Two-component response regula	not DE	not DE	not DE	not DE
EVM0003917	LG12	Type-a response regulator	not DE	not DE	not DE	not DE
EVM0013709	LG12	UDP-glucosyltransferase, puta	not DE	not DE	not DE	not DE
EVM0001625	LG12	UDP-glycosyltransferase 87A1	not DE	not DE	not DE	not DE
EVM0002878	LG12	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0014601	LG12	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0002996	LG12	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0010534	LG12	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0002895	LG12	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0023582	LG12	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0021701	LG12	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0001763	LG12	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0011262	LG12	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0006874	LG12	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0023036	LG12	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0015478	LG12	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0007169	LG12	Uncharacterized protein isofc	not DE	not DE	not DE	not DE
EVM0013503	LG12	Uncharacterized protein isofc	not DE	not DE	not DE	not DE
EVM0002298	LG12	Uncharacterized protein isofc	not DE	not DE	1.148758	0.04232
EVM0006293	LG12	WRKY DNA-binding protein 27,	not DE	not DE	not DE	not DE
EVM0007056	LG12	WRKY transcription factor 53	not DE	not DE	not DE	not DE
EVM0005012	LG12	XB3 in isoform 1	not DE	not DE	not DE	not DE
EVM0008809	LG12	Xyloglucan galactosyltransfer	not DE	not DE	not DE	not DE
EVM0013680	LG12	Zinc finger C-x8-C-x5-C-x3-H	not DE	not DE	not DE	not DE
EVM0018474	LG12	Zinc finger C-x8-C-x5-C-x3-H	not DE	not DE	not DE	not DE
EVM0017791	LG12	Zinc finger protein 6, putati	not DE	not DE	not DE	not DE
EVM0004878	LG12	Zinc finger protein, putative	not DE	not DE	not DE	not DE
EVM0005893	LG12	Zinc finger protein, putative	not DE	not DE	not DE	not DE
EVM0022856	LG12	Zinc finger protein, putative	not DE	not DE	not DE	not DE
EVM0023768	LG12	Zinc finger protein, putative	not DE	not DE	not DE	not DE
EVM0014444	LG12	ankyrin repeat family protein	not DE	not DE	not DE	not DE
EVM0001010	LG12	ankyrin repeat-containing pro	not DE	not DE	not DE	not DE
EVM0017035	LG12	ankyrin repeat-containing pro	not DE	not DE	not DE	not DE
EVM0020921	LG12	ankyrin repeat-containing pro	not DE	not DE	not DE	not DE
EVM0022230	LG12	ankyrin repeat-containing pro	not DE	not DE	not DE	not DE
EVM0005453	LG12	aspartyl protease family prot	not DE	not DE	not DE	not DE
EVM0000674	LG12	beta-carotene hydroxylase	not DE	not DE	not DE	not DE
EVM0021045	LG12	calcium-binding EF-hand prote	not DE	not DE	not DE	not DE
EVM0009280	LG12	calcium-dependent protein kin	not DE	not DE	not DE	not DE
EVM0007759	LG12	chloroplast cystathionine bet	not DE	not DE	not DE	not DE
EVM0003377	LG12	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0005969	LG12	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0006599	LG12	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0006677	LG12	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0016936	LG12	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0017762	LG12	conserved hypothetical protei	not DE	not DE	not DE	not DE

EVM0017856	LG12	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0023065	LG12	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0018507	LG12	crooked neck family protein	not DE	not DE	not DE	not DE
EVM0024391	LG12	cytochrome p450 51 family protein	not DE	not DE	not DE	not DE
EVM0006105	LG12	dehydroascorbate reductase, putative	not DE	not DE	not DE	not DE
EVM0007684	LG12	disease resistance family protein	not DE	not DE	not DE	not DE
EVM0012850	LG12	disease resistance family protein	not DE	not DE	not DE	not DE
EVM0005025	LG12	embryo-abundant family protein	not DE	not DE	not DE	not DE
EVM0014978	LG12	embryonic flower 2a	not DE	not DE	not DE	not DE
EVM0004233	LG12	endo-1,4-beta-glucanase, putative	not DE	not DE	not DE	not DE
EVM0008210	LG12	ent-kaurene synthase	not DE	not DE	not DE	not DE
EVM0007472	LG12	fructokinase	not DE	not DE	not DE	not DE
EVM0018697	LG12	geranyl geranyl pyrophosphate synthase	not DE	not DE	not DE	not DE
EVM0010981	LG12	gibberellin 20-oxidase, putative	not DE	not DE	not DE	not DE
EVM0001159	LG12	glucanase	not DE	not DE	not DE	not DE
EVM0019168	LG12	glutamine synthetase	not DE	not DE	not DE	not DE
EVM0009491	LG12	glutathione S-transferase	not DE	not DE	not DE	not DE
EVM0020586	LG12	glutathione S-transferase	not DE	not DE	not DE	not DE
EVM0018961	LG12	glyceraldehyde 3-phosphate dehydrogenase	not DE	not DE	not DE	not DE
EVM0017527	LG12	glycine-rich family protein	not DE	not DE	not DE	not DE
EVM0023130	LG12	heavy-metal-associated domain protein	not DE	not DE	not DE	not DE
EVM0011582	LG12	hydroxyproline-rich glycoprotein	not DE	not DE	not DE	not DE
EVM0011245	LG12	hypothetical protein	not DE	not DE	not DE	not DE
EVM0009754	LG12	hypothetical protein 2	not DE	not DE	not DE	not DE
EVM0004091	LG12	hypothetical protein AALP_AA8	not DE	not DE	not DE	not DE
EVM0022035	LG12	hypothetical protein AMTR_s05	not DE	not DE	not DE	not DE
EVM0018009	LG12	hypothetical protein CARUB_v1	not DE	not DE	not DE	not DE
EVM0004779	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007976	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015516	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020444	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013494	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006227	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013967	LG12	hypothetical protein CICLE_v1	not DE	not DE	-1.32208	0.01794
EVM0012362	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004632	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004920	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021872	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009710	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021600	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007399	LG12	hypothetical protein CICLE_v1	1.61675	0.019223	not DE	not DE
EVM0008664	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015749	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001354	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023801	LG12	hypothetical protein CICLE_v1	not DE	not DE	-1.05343	#####
EVM0004510	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010998	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012498	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019122	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022367	LG12	hypothetical protein CICLE_v1	not DE	not DE	-1.13417	#####
EVM0019400	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022555	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008243	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005526	LG12	hypothetical protein CICLE_v1	1.193375	0.000113	not DE	not DE

EVM0019107	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004925	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013816	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014845	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004263	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010482	LG12	hypothetical protein CICLE_v1	not DE	not DE	1.132635	0.01386
EVM0006584	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001822	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023884	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017570	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011303	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000098	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009587	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015736	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015835	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016452	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012367	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011686	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010181	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006876	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007889	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005904	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023966	LG12	hypothetical protein CICLE_v1	1.441469	0.002298	not DE	not DE
EVM0011187	LG12	hypothetical protein CICLE_v1	1.882184	2.93E-06	not DE	not DE
EVM0015928	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003300	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023654	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006156	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022865	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000781	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016438	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009565	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018139	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014831	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009434	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006735	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002970	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001459	LG12	hypothetical protein CICLE_v1	-1.38051	0.00081	not DE	not DE
EVM0022718	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018043	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004127	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006791	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009941	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010422	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019837	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023072	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009322	LG12	hypothetical protein CICLE_v1	1.389639	2.02E-05	not DE	not DE
EVM0006065	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010269	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005933	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012589	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021068	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014364	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012508	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0011551	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009849	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009082	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023524	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020131	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019118	LG12	hypothetical protein CICLE_v1	2.937191	4.17E-06	not DE	not DE
EVM0017736	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011874	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016585	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008852	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024344	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013016	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022371	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009621	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022797	LG12	hypothetical protein CICLE_v1	1.281018	6.87E-08	not DE	not DE
EVM0018298	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016508	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023050	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021688	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000132	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001068	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016014	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020513	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021127	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023975	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012046	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002731	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004714	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006418	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006325	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008515	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012196	LG12	hypothetical protein CICLE_v1	not DE	not DE	-1.41913	0.00933
EVM0001055	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022863	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001817	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023007	LG12	hypothetical protein CICLE_v1	-1.46964	1.34E-10	not DE	not DE
EVM0019716	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008390	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013818	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009041	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017099	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008183	LG12	hypothetical protein CICLE_v1	not DE	not DE	2.339788	0.00131
EVM0000106	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008400	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015700	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011864	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017378	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007173	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010994	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024591	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009883	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016649	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006572	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007437	LG12	hypothetical protein CICLE_v1	not DE	not DE	1.329088	0.0419

EVM0010124	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013556	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008283	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010680	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013512	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002909	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005180	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008649	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002078	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005546	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016878	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018016	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016114	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007245	LG12	hypothetical protein CICLE_v1	not DE	not DE	1.96511	0.00724
EVM0004380	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018119	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008488	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003696	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015424	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001356	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007028	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009112	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022434	LG12	hypothetical protein CICLE_v1	not DE	not DE	1.105419	0.04178
EVM0012430	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017376	LG12	hypothetical protein CICLE_v1	not DE	not DE	1.111782	#####
EVM0002057	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016490	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007866	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005914	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021690	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008975	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011412	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014699	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018576	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022303	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023023	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004142	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007727	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007438	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012537	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018130	LG12	hypothetical protein CICLE_v1	2.548262	0.026842	not DE	not DE
EVM0000347	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000020	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005901	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005668	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000471	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021822	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006713	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023341	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005822	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004520	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005069	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012188	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008369	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE



EVM0012596	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003766	LG12	hypothetical protein CICLE_v1	1.0492	0.021581	not DE	not DE
EVM0003364	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008976	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000553	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001131	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006305	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020370	LG12	hypothetical protein CICLE_v1	-1.3583	0.024128	-1.00263	0.00534
EVM0016411	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005423	LG12	hypothetical protein CICLE_v1	1.87996	0.000386	not DE	not DE
EVM0019027	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014233	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015910	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019128	LG12	hypothetical protein CICLE_v1	not DE	not DE	1.066661	0.00856
EVM0023906	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002230	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013806	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003370	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006498	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005760	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004431	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012451	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015962	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007381	LG12	hypothetical protein CICLE_v1	2.094796	0.01803	not DE	not DE
EVM0019363	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009833	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011524	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016726	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005426	LG12	hypothetical protein CICLE_v1	-2.55541	0.004511	not DE	not DE
EVM0019814	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007411	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016361	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010103	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002392	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024283	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014106	LG12	hypothetical protein CICLE_v1	1.104203	0.008257	not DE	not DE
EVM0006884	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015117	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011345	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000727	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012418	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018212	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002695	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007570	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002645	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018398	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018098	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019265	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009973	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020623	LG12	hypothetical protein CICLE_v1	not DE	not DE	-1.12567	0.04833
EVM0020460	LG12	hypothetical protein CICLE_v1	not DE	not DE	1.414235	0.02711
EVM0012335	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019805	LG12	hypothetical protein CICLE_v1	-1.81322	0.015752	not DE	not DE
EVM0006473	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0022904	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017020	LG12	hypothetical protein CICLE_v1	not DE	not DE	2.139111	0.0292
EVM0018095	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008943	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023425	LG12	hypothetical protein CICLE_v1	-1.53268	0.001396	not DE	not DE
EVM0001171	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018056	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010667	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020284	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021956	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009921	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011020	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024247	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015336	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022704	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009020	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016531	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024575	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007590	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012884	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022433	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002776	LG12	hypothetical protein CICLE_v1	2.971676	0.00094	not DE	not DE
EVM0001610	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001165	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016197	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011866	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015134	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014425	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010576	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023158	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013492	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012002	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001960	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011433	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023127	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018376	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006396	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008471	LG12	hypothetical protein CICLE_v1	-4.02794	6.03E-05	not DE	not DE
EVM0006142	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022977	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001682	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023665	LG12	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010615	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002442	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000220	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012894	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013116	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021752	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022749	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016783	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013683	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017130	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001209	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005216	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0001449	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017868	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002699	LG12	hypothetical protein CISIN_1g	1.257073	0.037752	not DE	not DE
EVM0003091	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012597	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015727	LG12	hypothetical protein CISIN_1g	1.673441	1.82E-06	not DE	not DE
EVM0012016	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021799	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007951	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014777	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000660	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020467	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016018	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022446	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012086	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003175	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002068	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019231	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010071	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003168	LG12	hypothetical protein CISIN_1g	-1.10354	0.010366	not DE	not DE
EVM0011257	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016254	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001568	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010357	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011972	LG12	hypothetical protein CISIN_1g	-2.67284	0.007105	not DE	not DE
EVM0006462	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003063	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002435	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022268	LG12	hypothetical protein CISIN_1g	-1.11223	0.000154	not DE	not DE
EVM0011658	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018702	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003589	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004454	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011561	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015667	LG12	hypothetical protein CISIN_1g	not DE	not DE	1.271499	0.00871
EVM0007984	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010772	LG12	hypothetical protein CISIN_1g	not DE	not DE	1.631797	#####
EVM0024519	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020024	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021735	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016236	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007275	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011838	LG12	hypothetical protein CISIN_1g	1.777821	0.02459	not DE	not DE
EVM0015422	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002571	LG12	hypothetical protein CISIN_1g	-1.24495	0.014302	not DE	not DE
EVM0017646	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012835	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003469	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003649	LG12	hypothetical protein CISIN_1g	1.295431	0.014583	1.28348	0.00014
EVM0009644	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000607	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000690	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012784	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004201	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0003062	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004052	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009217	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021734	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024501	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005097	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005712	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014966	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012914	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020552	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011895	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003360	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024469	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007156	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016710	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021046	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000521	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015337	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006422	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008736	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014441	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012022	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012637	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015013	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020205	LG12	hypothetical protein CISIN_1g	not DE	not DE	2.783173	0.03995
EVM0010732	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013786	LG12	hypothetical protein CISIN_1g	not DE	not DE	-1.01765	0.00032
EVM0010812	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024052	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007487	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003170	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022421	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000037	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008909	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014675	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020194	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012194	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000018	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008152	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005185	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021180	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023297	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019761	LG12	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003835	LG12	hypothetical protein CISIN_1g	not DE	not DE	-1.50287	0.00285
EVM0005718	LG12	hypothetical protein EUGRSUZ	not DE	not DE	not DE	not DE
EVM0000420	LG12	hypothetical protein EUTSA_v1	not DE	not DE	not DE	not DE
EVM0000101	LG12	hypothetical protein F383_099	not DE	not DE	not DE	not DE
EVM0015254	LG12	hypothetical protein JCGZ_019	not DE	not DE	not DE	not DE
EVM0022408	LG12	hypothetical protein JCGZ_063	not DE	not DE	not DE	not DE
EVM0002209	LG12	hypothetical protein JCGZ_065	not DE	not DE	not DE	not DE
EVM0014895	LG12	hypothetical protein JCGZ_067	not DE	not DE	not DE	not DE
EVM0000466	LG12	hypothetical protein JCGZ_095	not DE	not DE	not DE	not DE
EVM0005158	LG12	hypothetical protein JCGZ_104	not DE	not DE	not DE	not DE
EVM0015916	LG12	hypothetical protein JCGZ_105	not DE	not DE	not DE	not DE

EVM0014281	LG12	hypothetical protein JCGZ_105	not DE	not DE	not DE	not DE
EVM0022864	LG12	hypothetical protein JCGZ_105	not DE	not DE	not DE	not DE
EVM0002947	LG12	hypothetical protein JCGZ_105	not DE	not DE	not DE	not DE
EVM0019267	LG12	hypothetical protein JCGZ_133	not DE	not DE	-1.20824	0.00112
EVM0012262	LG12	hypothetical protein JCGZ_134	not DE	not DE	not DE	not DE
EVM0019790	LG12	hypothetical protein JCGZ_182	not DE	not DE	not DE	not DE
EVM0003667	LG12	hypothetical protein JCGZ_205	not DE	not DE	not DE	not DE
EVM0009747	LG12	hypothetical protein JCGZ_210	not DE	not DE	not DE	not DE
EVM0015284	LG12	hypothetical protein JCGZ_211	not DE	not DE	not DE	not DE
EVM0014794	LG12	hypothetical protein JCGZ_224	not DE	not DE	not DE	not DE
EVM0018025	LG12	hypothetical protein JCGZ_224	not DE	not DE	not DE	not DE
EVM0005898	LG12	hypothetical protein JCGZ_224	not DE	not DE	not DE	not DE
EVM0005356	LG12	hypothetical protein JCGZ_226	not DE	not DE	not DE	not DE
EVM0011291	LG12	hypothetical protein JCGZ_227	not DE	not DE	not DE	not DE
EVM0013877	LG12	hypothetical protein JCGZ_259	not DE	not DE	not DE	not DE
EVM0022280	LG12	hypothetical protein JCGZ_260	not DE	not DE	not DE	not DE
EVM0001239	LG12	hypothetical protein JCGZ_260	not DE	not DE	not DE	not DE
EVM0001023	LG12	hypothetical protein JCGZ_261	not DE	not DE	not DE	not DE
EVM0018203	LG12	hypothetical protein JCGZ_261	not DE	not DE	not DE	not DE
EVM0009745	LG12	hypothetical protein JCGZ_261	not DE	not DE	not DE	not DE
EVM0005272	LG12	hypothetical protein JCGZ_261	not DE	not DE	not DE	not DE
EVM0004425	LG12	hypothetical protein JCGZ_261	-1.42001	1.51E-06	not DE	not DE
EVM0003222	LG12	hypothetical protein JCGZ_261	not DE	not DE	not DE	not DE
EVM0023266	LG12	hypothetical protein JCGZ_261	not DE	not DE	not DE	not DE
EVM0016005	LG12	hypothetical protein JCGZ_262	not DE	not DE	not DE	not DE
EVM0011438	LG12	hypothetical protein JCGZ_262	not DE	not DE	not DE	not DE
EVM0005565	LG12	hypothetical protein JCGZ_263	not DE	not DE	not DE	not DE
EVM0000291	LG12	hypothetical protein JCGZ_263	not DE	not DE	not DE	not DE
EVM0007405	LG12	hypothetical protein L484_011	not DE	not DE	1.72871	0.04
EVM0016345	LG12	hypothetical protein L484_011	not DE	not DE	not DE	not DE
EVM0009011	LG12	hypothetical protein L484_016	not DE	not DE	not DE	not DE
EVM0009906	LG12	hypothetical protein L484_019	not DE	not DE	not DE	not DE
EVM0009448	LG12	hypothetical protein L484_027	not DE	not DE	not DE	not DE
EVM0014918	LG12	hypothetical protein M569_020	not DE	not DE	not DE	not DE
EVM0024057	LG12	hypothetical protein M569_020	not DE	not DE	not DE	not DE
EVM0002114	LG12	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0018876	LG12	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0009061	LG12	hypothetical protein MTR_3g06	not DE	not DE	not DE	not DE
EVM0019689	LG12	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0023771	LG12	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0006751	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0009515	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020931	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0012227	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002775	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0003827	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000924	LG12	hypothetical protein POPTR_00	-1.00859	6.21E-05	not DE	not DE
EVM0019529	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000825	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0017290	LG12	hypothetical protein POPTR_00	1.187136	0.037613	not DE	not DE
EVM0003765	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023080	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0021940	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0013081	LG12	hypothetical protein POPTR_00	2.952953	1.53E-05	1.669591	0.00023

EVM0009116	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0018898	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002351	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0013505	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0021905	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023449	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000519	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0001695	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0004539	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0011459	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019205	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019858	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0024249	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020214	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0005241	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006785	LG12	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020834	LG12	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0022445	LG12	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0021396	LG12	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0013647	LG12	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0005030	LG12	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0016357	LG12	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0018165	LG12	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0023026	LG12	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0023910	LG12	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0000151	LG12	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0022753	LG12	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0014833	LG12	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0022129	LG12	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0004276	LG12	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0020177	LG12	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0021230	LG12	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0014911	LG12	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0010086	LG12	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0015360	LG12	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0000452	LG12	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0023334	LG12	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0008819	LG12	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0023276	LG12	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0004422	LG12	integrase	not DE	not DE	not DE	not DE
EVM0018610	LG12	leucoanthocyanidin dioxygenas	not DE	not DE	not DE	not DE
EVM0015475	LG12	lipid transfer protein	-1.57497	0.029483	not DE	not DE
EVM0001203	LG12	mak, putative	not DE	not DE	not DE	not DE
EVM0022016	LG12	metal ion binding protein, pu	not DE	not DE	not DE	not DE
EVM0005701	LG12	nitrate transporter, putative	not DE	not DE	not DE	not DE
EVM0017157	LG12	no apical meristem family pro	not DE	not DE	not DE	not DE
EVM0007281	LG12	organic cation transporter-re	not DE	not DE	not DE	not DE
EVM0022556	LG12	phytoene synthase 2	not DE	not DE	not DE	not DE
EVM0012221	LG12	polygalacturonase	not DE	not DE	not DE	not DE
EVM0023540	LG12	prohibitin, putative	not DE	not DE	not DE	not DE
EVM0022147	LG12	protein kinase	not DE	not DE	not DE	not DE
EVM0023593	LG12	protein kinase	not DE	not DE	not DE	not DE
EVM0012772	LG12	putative esterase family prot	not DE	not DE	not DE	not DE
EVM0003829	LG12	remorin	1.0508	0.027073	not DE	not DE

EVM0005306	LG12	retrotransposon protein, puta	not DE	not DE	not DE	not DE
EVM0011592	LG12	short-chain dehydrogenase, pu	not DE	not DE	not DE	not DE
EVM0012717	LG12	short-chain dehydrogenase, pu	not DE	not DE	not DE	not DE
EVM0012535	LG12	short-chain dehydrogenase/red	not DE	not DE	not DE	not DE
EVM0021499	LG12	short-chain dehydrogenase/red	not DE	not DE	not DE	not DE
EVM0014291	LG12	soluble acid invertase	1.006569	0.0231	not DE	not DE
EVM0003572	LG12	thaumatin-like protein	not DE	not DE	not DE	not DE
EVM0009368	LG12	thaumatin-like protein	not DE	not DE	not DE	not DE
EVM0010737	LG12	thaumatin-like protein	not DE	not DE	not DE	not DE
EVM0011240	LG12	tonoplast intrinsic protein,	not DE	not DE	not DE	not DE
EVM0018157	LG12	tonoplast intrinsic protein,	not DE	not DE	not DE	not DE
EVM0000778	LG12	uncharacterized protein LOC10	not DE	not DE	not DE	not DE
EVM0021961	LG12	uncharacterized protein LOC10	not DE	not DE	not DE	not DE
EVM0022315	LG12	uncharacterized protein LOC10	not DE	not DE	not DE	not DE
EVM0002206	LG12	unknown protein	not DE	not DE	1.071226	#####
EVM0003591	LG12	unknown protein	not DE	not DE	not DE	not DE
EVM0007744	LG12	unknown protein	not DE	not DE	1.913298	0.02397
EVM0011517	LG12	unknown protein	not DE	not DE	not DE	not DE
EVM0012366	LG12	unknown protein	not DE	not DE	not DE	not DE
EVM0013855	LG12	unknown protein	not DE	not DE	not DE	not DE
EVM0018618	LG12	unknown protein	not DE	not DE	not DE	not DE
EVM0020071	LG12	unknown protein	not DE	not DE	not DE	not DE
EVM0020592	LG12	unknown protein	not DE	not DE	not DE	not DE
EVM0021012	LG12	unknown protein	not DE	not DE	not DE	not DE
EVM0021185	LG12	unknown protein	not DE	not DE	not DE	not DE
EVM0021766	LG12	unknown protein	-4.64652	0.00325	not DE	not DE
EVM0021855	LG12	unknown protein	not DE	not DE	not DE	not DE
EVM0021945	LG12	unknown protein	not DE	not DE	not DE	not DE
EVM0022876	LG12	unknown protein	not DE	not DE	not DE	not DE
EVM0023229	LG12	unknown protein	not DE	not DE	not DE	not DE
EVM0023848	LG12	unknown protein	not DE	not DE	not DE	not DE
EVM0024112	LG12	unknown protein	not DE	not DE	not DE	not DE
EVM0000662	LG12	unnamed protein product	not DE	not DE	not DE	not DE
EVM0001458	LG12	unnamed protein product	not DE	not DE	not DE	not DE
EVM0001895	LG12	unnamed protein product	not DE	not DE	not DE	not DE
EVM0002063	LG12	unnamed protein product	not DE	not DE	not DE	not DE
EVM0003137	LG12	unnamed protein product	not DE	not DE	not DE	not DE
EVM0004662	LG12	unnamed protein product	not DE	not DE	not DE	not DE
EVM0007166	LG12	unnamed protein product	not DE	not DE	not DE	not DE
EVM0007756	LG12	unnamed protein product	-1.65277	0.007283	not DE	not DE
EVM0009369	LG12	unnamed protein product	not DE	not DE	not DE	not DE
EVM0009714	LG12	unnamed protein product	-3.21449	1.14E-09	-1.75777	#####
EVM0010508	LG12	unnamed protein product	not DE	not DE	not DE	not DE
EVM0011272	LG12	unnamed protein product	not DE	not DE	not DE	not DE
EVM0012312	LG12	unnamed protein product	not DE	not DE	not DE	not DE
EVM0012318	LG12	unnamed protein product	not DE	not DE	not DE	not DE
EVM0014621	LG12	unnamed protein product	not DE	not DE	not DE	not DE
EVM0015939	LG12	unnamed protein product	not DE	not DE	not DE	not DE
EVM0019248	LG12	unnamed protein product	not DE	not DE	not DE	not DE
EVM0019287	LG12	unnamed protein product	not DE	not DE	not DE	not DE
EVM0020847	LG12	unnamed protein product	not DE	not DE	not DE	not DE
EVM0020893	LG12	unnamed protein product	not DE	not DE	not DE	not DE
EVM0022532	LG12	unnamed protein product	3.474864	0.001612	not DE	not DE
EVM0022644	LG12	unnamed protein product	not DE	not DE	not DE	not DE

EVM0022481	LG13	1-(5-phosphoribosyl)-5-[(5-phosphoribosyl)-5-phosphoribosyl]	not DE	not DE	not DE	not DE
EVM0010733	LG13	1-aminocyclopropane-1-carboxylic acid	not DE	not DE	not DE	not DE
EVM0014606	LG13	125 kDa kinesin-related protein	not DE	not DE	not DE	not DE
EVM0022646	LG13	17.7 kDa class I heat shock protein	-3.37971	7.17E-15	not DE	not DE
EVM0002770	LG13	2,3-bisphosphoglycerate-independent phosphoglycerate kinase	not DE	not DE	not DE	not DE
EVM0010583	LG13	36.4 kDa proline-rich protein	not DE	not DE	not DE	not DE
EVM0012253	LG13	36.4 kDa proline-rich protein	not DE	not DE	not DE	not DE
EVM0001499	LG13	40S ribosomal protein S15a-1	not DE	not DE	not DE	not DE
EVM0003646	LG13	40S ribosomal protein S9-2	not DE	not DE	not DE	not DE
EVM0014642	LG13	40S ribosomal protein S9-2	not DE	not DE	not DE	not DE
EVM0002923	LG13	60S acidic ribosomal protein L16	not DE	not DE	not DE	not DE
EVM0009899	LG13	60S acidic ribosomal protein L16	not DE	not DE	not DE	not DE
EVM0007598	LG13	60S ribosomal protein L10a-2	not DE	not DE	not DE	not DE
EVM0009876	LG13	60S ribosomal protein L10a-2	not DE	not DE	not DE	not DE
EVM0007351	LG13	60S ribosomal protein L12	not DE	not DE	not DE	not DE
EVM0015649	LG13	60S ribosomal protein L21-2	not DE	not DE	not DE	not DE
EVM0000086	LG13	60S ribosomal protein L27-like	not DE	not DE	not DE	not DE
EVM0021605	LG13	60S ribosomal protein L27-like	not DE	not DE	not DE	not DE
EVM0014116	LG13	60S ribosomal protein L4-like	not DE	not DE	not DE	not DE
EVM0020551	LG13	60S ribosomal protein L4-like	not DE	not DE	not DE	not DE
EVM0020367	LG13	ABC transporter B family member	not DE	not DE	not DE	not DE
EVM0018922	LG13	ABC transporter B family member	not DE	not DE	not DE	not DE
EVM0019328	LG13	ABC transporter G family member	not DE	not DE	not DE	not DE
EVM0017057	LG13	ABC transporter G family member	not DE	not DE	not DE	not DE
EVM0019212	LG13	AMP deaminase-like	not DE	not DE	not DE	not DE
EVM0000514	LG13	AP-4 complex subunit epsilon	not DE	not DE	not DE	not DE
EVM0007314	LG13	AP2-like ethylene-responsive transcription factor	not DE	not DE	not DE	not DE
EVM0009949	LG13	AT-rich interactive domain-containing protein	not DE	not DE	not DE	not DE
EVM0022065	LG13	ATP-dependent zinc metalloprotease	not DE	not DE	not DE	not DE
EVM0023479	LG13	ATP-dependent zinc metalloprotease	not DE	not DE	not DE	not DE
EVM0008648	LG13	ATP-dependent zinc metalloprotease	not DE	not DE	not DE	not DE
EVM0000307	LG13	ATP-dependent zinc metalloprotease	not DE	not DE	-2.03947	0.00077
EVM0004673	LG13	ATP-dependent zinc metalloprotease	4.196536	4.48E-08	not DE	not DE
EVM0005155	LG13	BEL1-like homeodomain protein	not DE	not DE	not DE	not DE
EVM0010686	LG13	BEL1-like homeodomain protein	not DE	not DE	not DE	not DE
EVM0020033	LG13	BEL1-like homeodomain protein	not DE	not DE	not DE	not DE
EVM0012702	LG13	BRCT domain-containing protein	not DE	not DE	not DE	not DE
EVM0020535	LG13	BRCT domain-containing protein	not DE	not DE	not DE	not DE
EVM0019545	LG13	BTB/POZ domain-containing protein	not DE	not DE	not DE	not DE
EVM0010040	LG13	BTB/POZ domain-containing protein	not DE	not DE	not DE	not DE
EVM0016071	LG13	CBL-interacting serine/threonine kinase	not DE	not DE	not DE	not DE
EVM0016846	LG13	COBRA-like protein 4	not DE	not DE	not DE	not DE
EVM0016404	LG13	CYSTM1 family protein A-like	not DE	not DE	not DE	not DE
EVM0001718	LG13	D-lactate dehydrogenase	not DE	not DE	not DE	not DE
EVM0007879	LG13	D-lactate dehydrogenase	not DE	not DE	not DE	not DE
EVM0015636	LG13	D-lactate dehydrogenase	1.6704	0.002418	not DE	not DE
EVM0010989	LG13	DEAD-box ATP-dependent RNA helicase	not DE	not DE	not DE	not DE
EVM0001887	LG13	DNA helicase MCM8-like	not DE	not DE	not DE	not DE
EVM0017068	LG13	DNA polymerase delta small subunit	not DE	not DE	not DE	not DE
EVM0007545	LG13	DNA-3-methyladenine glycosylase	not DE	not DE	not DE	not DE
EVM0006118	LG13	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0006740	LG13	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0002149	LG13	E3 ubiquitin-protein ligase	not DE	not DE	4.009717	0.00356
EVM0014595	LG13	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE



EVM0019940	LG13	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0001399	LG13	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0018613	LG13	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0018295	LG13	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0011634	LG13	F-box protein At3g58530-like	not DE	not DE	not DE	not DE
EVM0015701	LG13	F-box protein At5g39250	not DE	not DE	not DE	not DE
EVM0000685	LG13	F-box/LRR-repeat protein 3	not DE	not DE	not DE	not DE
EVM0004556	LG13	F-box/WD repeat-containing p	not DE	not DE	not DE	not DE
EVM0013949	LG13	F-box/kelch-repeat protein A	not DE	not DE	not DE	not DE
EVM0014955	LG13	Fanconi anemia group D2 prot	not DE	not DE	not DE	not DE
EVM0013454	LG13	G patch domain-containing pr	not DE	not DE	not DE	not DE
EVM0022223	LG13	G patch domain-containing pr	not DE	not DE	not DE	not DE
EVM0015529	LG13	GDSL esterase/lipase 7-like	not DE	not DE	not DE	not DE
EVM0023370	LG13	GDSL esterase/lipase At5g036	not DE	not DE	not DE	not DE
EVM0013201	LG13	GDSL esterase/lipase CPRD49	not DE	not DE	not DE	not DE
EVM0007160	LG13	HEAT repeat-containing prote	not DE	not DE	-1.41408	#####
EVM0019220	LG13	IAA-amino acid hydrolase ILR	not DE	not DE	not DE	not DE
EVM0023738	LG13	L-ascorbate oxidase-like	not DE	not DE	not DE	not DE
EVM0024307	LG13	L-type lectin-domain contain	not DE	not DE	-1.56008	0.04088
EVM0023893	LG13	L-type lectin-domain contain	not DE	not DE	not DE	not DE
EVM0022931	LG13	L-type lectin-domain contain	not DE	not DE	not DE	not DE
EVM0004296	LG13	LOB domain-containing protei	not DE	not DE	not DE	not DE
EVM0019099	LG13	LOW QUALITY PROTEIN: CTD nuc	not DE	not DE	not DE	not DE
EVM0017313	LG13	LOW QUALITY PROTEIN: putativ	not DE	not DE	not DE	not DE
EVM0003418	LG13	LOW QUALITY PROTEIN: regulat	not DE	not DE	not DE	not DE
EVM0001830	LG13	LRR receptor-like serine/thr	-1.51478	0.002796	-2.49655	0.00605
EVM0017238	LG13	LRR receptor-like serine/thr	not DE	not DE	not DE	not DE
EVM0002273	LG13	NADH dehydrogenase	2.334377	0.002762	not DE	not DE
EVM0023568	LG13	NADH dehydrogenase	1.521636	0.04196	not DE	not DE
EVM0024642	LG13	PAN domain-containing protei	1.719413	0.000238	not DE	not DE
EVM0003643	LG13	RING finger and transmembran	not DE	not DE	not DE	not DE
EVM0001004	LG13	RING-H2 finger protein ATL33	not DE	not DE	not DE	not DE
EVM0019103	LG13	RING-H2 finger protein ATL70	not DE	not DE	not DE	not DE
EVM0000667	LG13	RNA polymerase sigma factor	not DE	not DE	not DE	not DE
EVM0016297	LG13	RNA-binding protein Musashi	not DE	not DE	not DE	not DE
EVM0015296	LG13	SNF1-related protein kinase	not DE	not DE	not DE	not DE
EVM0023581	LG13	SNF1-related protein kinase	not DE	not DE	not DE	not DE
EVM0004282	LG13	SPX domain-containing protei	not DE	not DE	not DE	not DE
EVM0018114	LG13	TMV resistance protein N-like	not DE	not DE	not DE	not DE
EVM0010466	LG13	TSL-kinase interacting prote	not DE	not DE	not DE	not DE
EVM0010806	LG13	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0013848	LG13	UDP-galactose transporter 2-	not DE	not DE	not DE	not DE
EVM0018903	LG13	UDP-glucose flavonoid 3-O-gl	3.615783	0.00176	not DE	not DE
EVM0008879	LG13	UDP-glycosyltransferase 73C1	not DE	not DE	not DE	not DE
EVM0018939	LG13	UDP-glycosyltransferase 73C1	not DE	not DE	not DE	not DE
EVM0005640	LG13	UDP-glycosyltransferase 73C3	not DE	not DE	not DE	not DE
EVM0006641	LG13	UDP-glycosyltransferase 73C3	not DE	not DE	not DE	not DE
EVM0010055	LG13	UDP-glycosyltransferase 73C3	not DE	not DE	not DE	not DE
EVM0017168	LG13	UDP-glycosyltransferase 73C3	not DE	not DE	not DE	not DE
EVM0005964	LG13	UDP-glycosyltransferase 83A1	not DE	not DE	not DE	not DE
EVM0010437	LG13	UDP-glycosyltransferase 83A1	not DE	not DE	not DE	not DE
EVM0016768	LG13	UDP-glycosyltransferase 83A1	not DE	not DE	not DE	not DE
EVM0007426	LG13	UDP-glycosyltransferase 83A1	not DE	not DE	not DE	not DE
EVM0003467	LG13	UPF0420 protein C16orf58 hom	not DE	not DE	not DE	not DE

EVM0015920	LG13	UPF0554 protein C2orf43 homol	-1.85368	0.027737	not DE	not DE
EVM0013051	LG13	V-type proton ATPase subunit	not DE	not DE	not DE	not DE
EVM0024476	LG13	WAT1-related protein At2g374	not DE	not DE	not DE	not DE
EVM0003019	LG13	WAT1-related protein At4g191	not DE	not DE	not DE	not DE
EVM0003881	LG13	WEB family protein At2g3837C	not DE	not DE	not DE	not DE
EVM0010166	LG13	WPP domain-interacting tail-	not DE	not DE	not DE	not DE
EVM0022939	LG13	WRKY transcription factor 44	not DE	not DE	not DE	not DE
EVM0005191	LG13	acetyl-coenzyme A carboxylas	not DE	not DE	not DE	not DE
EVM0011237	LG13	actin-like	not DE	not DE	not DE	not DE
EVM0007618	LG13	adenosine kinase 2 isoform X	not DE	not DE	not DE	not DE
EVM0001556	LG13	agamous-like MADS-box protei	not DE	not DE	not DE	not DE
EVM0018904	LG13	agamous-like MADS-box protei	not DE	not DE	not DE	not DE
EVM0023513	LG13	aldo-keto reductase family 4	not DE	not DE	not DE	not DE
EVM0013841	LG13	aldo-keto reductase family 4	not DE	not DE	not DE	not DE
EVM0010159	LG13	aldose 1-epimerase-like	not DE	not DE	not DE	not DE
EVM0011802	LG13	alpha-1,4 glucan phosphoryla	not DE	not DE	not DE	not DE
EVM0017893	LG13	anaphase-promoting complex s	not DE	not DE	not DE	not DE
EVM0009155	LG13	ankyrin repeat-containing pr	not DE	not DE	not DE	not DE
EVM0007643	LG13	anthocyanidin 3-O-glucosyltr	not DE	not DE	not DE	not DE
EVM0021539	LG13	aquaporin NIP2-1-like	not DE	not DE	not DE	not DE
EVM0015288	LG13	aspartic proteinase PCS1	not DE	not DE	not DE	not DE
EVM0011486	LG13	auxin transport protein BIG-	not DE	not DE	-1.11752	#####
EVM0019483	LG13	axoneme-associated protein m	not DE	not DE	not DE	not DE
EVM0004408	LG13	beta-fructofuranosidase, ins	not DE	not DE	not DE	not DE
EVM0004395	LG13	bifunctional enolase 2/trans	not DE	not DE	not DE	not DE
EVM0011618	LG13	biogenesis of lysosome-relat	not DE	not DE	not DE	not DE
EVM0016787	LG13	bromodomain and WD repeat-co	not DE	not DE	not DE	not DE
EVM0008156	LG13	calcium-dependent protein ki	not DE	not DE	not DE	not DE
EVM0005794	LG13	calcium-transporting ATPase	not DE	not DE	not DE	not DE
EVM0020314	LG13	calmodulin-7 isoform X1	not DE	not DE	not DE	not DE
EVM0022782	LG13	casparian strip membrane pro	not DE	not DE	not DE	not DE
EVM0008571	LG13	casparian strip membrane pro	not DE	not DE	not DE	not DE
EVM0012509	LG13	cation/H(+) antiporter 20-li	not DE	not DE	not DE	not DE
EVM0022979	LG13	cation/H(+) antiporter 26-li	not DE	not DE	not DE	not DE
EVM0014954	LG13	cell division control protei	not DE	not DE	not DE	not DE
EVM0017658	LG13	cell division cycle 20.1, co	not DE	not DE	not DE	not DE
EVM0001889	LG13	cell division protein FtsZ h	-1.62597	0.001865	not DE	not DE
EVM0016488	LG13	cell division protein FtsZ h	not DE	not DE	not DE	not DE
EVM0016185	LG13	cell wall protein AWA1-like	not DE	not DE	not DE	not DE
EVM0009129	LG13	cell wall protein AWA1-like	not DE	not DE	not DE	not DE
EVM0007733	LG13	cellulose synthase-like prot	not DE	not DE	not DE	not DE
EVM0016194	LG13	choline-phosphate cytidylt	not DE	not DE	not DE	not DE
EVM0012789	LG13	clathrin light chain 3-like	not DE	not DE	not DE	not DE
EVM0001482	LG13	cystathionine gamma-synthase	not DE	not DE	not DE	not DE
EVM0019625	LG13	cytochrome P450 94A1-like is	not DE	not DE	not DE	not DE
EVM0021635	LG13	cytochrome P450 97B2, chloro	not DE	not DE	not DE	not DE
EVM0016515	LG13	dedicator of cytokinesis pro	not DE	not DE	not DE	not DE
EVM0024593	LG13	dehydration-responsive elemen	not DE	not DE	not DE	not DE
EVM0022688	LG13	diaminopimelate epimerase, c	not DE	not DE	not DE	not DE
EVM0024546	LG13	digalactosyldiacylglycerol s	not DE	not DE	not DE	not DE
EVM0014232	LG13	dihydrofolate reductase-like	not DE	not DE	1.141803	0.03456
EVM0013907	LG13	dirigent protein 17-like isc	not DE	not DE	not DE	not DE
EVM0000076	LG13	dirigent protein 22	not DE	not DE	not DE	not DE
EVM0010163	LG13	dirigent protein 23-like	not DE	not DE	1.278377	0.01972

EVM0020865	LG13	disease resistance protein A	not DE	not DE	not DE	not DE
EVM0022469	LG13	dnaJ homolog subfamily C mem	not DE	not DE	not DE	not DE
EVM0005420	LG13	dnaJ homolog subfamily C mem	-1.71092	0.022602	-2.27577	0.00073
EVM0019334	LG13	ecotropic viral integration	not DE	not DE	not DE	not DE
EVM0004104	LG13	elongation factor 1-alpha is	not DE	not DE	not DE	not DE
EVM0021814	LG13	enolase-like	not DE	not DE	not DE	not DE
EVM0001474	LG13	enoyl-[acyl-carrier-protein]	not DE	not DE	not DE	not DE
EVM0021375	LG13	ethylene-insensitive protein	not DE	not DE	-1.37438	#####
EVM0017076	LG13	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0002090	LG13	eukaryotic translation initi	not DE	not DE	not DE	not DE
EVM0024629	LG13	eukaryotic translation initi	not DE	not DE	not DE	not DE
EVM0007019	LG13	eukaryotic translation initi	not DE	not DE	not DE	not DE
EVM0019266	LG13	eukaryotic translation initi	-1.42758	3.65E-10	not DE	not DE
EVM0008907	LG13	fasciclin-like arabinogalact	not DE	not DE	not DE	not DE
EVM0023638	LG13	fatty acyl-CoA reductase 2-l	not DE	not DE	not DE	not DE
EVM0013177	LG13	fructose-1,6-bisphosphatase,	not DE	not DE	not DE	not DE
EVM0020789	LG13	galactose oxidase-like	-1.75161	0.034325	not DE	not DE
EVM0010189	LG13	gamma aminobutyrate transami	not DE	not DE	not DE	not DE
EVM0009246	LG13	gamma-interferon-inducible l	not DE	not DE	not DE	not DE
EVM0015303	LG13	gamma-interferon-inducible l	not DE	not DE	not DE	not DE
EVM0024299	LG13	gamma-tubulin complex compon	not DE	not DE	not DE	not DE
EVM0002378	LG13	gibberellin 2-beta-dioxygena	not DE	not DE	not DE	not DE
EVM0023915	LG13	glucose-induced degradation	not DE	not DE	not DE	not DE
EVM0010627	LG13	glutathione S-transferase L3	not DE	not DE	not DE	not DE
EVM0001533	LG13	glycine-rich RNA-binding pro	not DE	not DE	not DE	not DE
EVM0020388	LG13	glycine-rich RNA-binding pro	not DE	not DE	not DE	not DE
EVM0010578	LG13	growth-regulating factor 3-l	not DE	not DE	not DE	not DE
EVM0010871	LG13	heat stress transcription fa	not DE	not DE	not DE	not DE
EVM0022897	LG13	heme-binding-like protein At	not DE	not DE	not DE	not DE
EVM0020979	LG13	heterogeneous nuclear ribonu	not DE	not DE	not DE	not DE
EVM0024488	LG13	high-light-induced protein,	not DE	not DE	not DE	not DE
EVM0007323	LG13	histidine--tRNA ligase, cyto	not DE	not DE	not DE	not DE
EVM0018458	LG13	histone deacetylase HDT1-lik	not DE	not DE	not DE	not DE
EVM0019560	LG13	homeobox-leucine zipper prot	not DE	not DE	not DE	not DE
EVM0000577	LG13	hsp70-binding protein 1-like	not DE	not DE	not DE	not DE
EVM0003400	LG13	inositol hexakisphosphate an	not DE	not DE	-1.26168	0.01612
EVM0019052	LG13	inositol hexakisphosphate an	not DE	not DE	not DE	not DE
EVM0007720	LG13	isoprenylcysteine alpha-carb	not DE	not DE	not DE	not DE
EVM0011733	LG13	isoprenylcysteine alpha-carb	not DE	not DE	not DE	not DE
EVM0023488	LG13	kanadaplin-like	not DE	not DE	not DE	not DE
EVM0009611	LG13	kinesin-related protein 4-li	not DE	not DE	not DE	not DE
EVM0020562	LG13	lamin-like protein-like	not DE	not DE	not DE	not DE
EVM0021316	LG13	leucine-rich repeat receptor	2.185343	0.006798	not DE	not DE
EVM0007882	LG13	leucine-rich repeat receptor	not DE	not DE	not DE	not DE
EVM0003231	LG13	lipid phosphate phosphatase	not DE	not DE	not DE	not DE
EVM0009459	LG13	long-chain-alcohol oxidase F	not DE	not DE	not DE	not DE
EVM0017520	LG13	lysosomal Pro-X carboxypepti	not DE	not DE	not DE	not DE
EVM0007455	LG13	mRNA-decapping enzyme-like p	not DE	not DE	not DE	not DE
EVM0007129	LG13	maestro heat-like repeat-con	not DE	not DE	not DE	not DE
EVM0020594	LG13	maestro heat-like repeat-con	not DE	not DE	not DE	not DE
EVM0015577	LG13	mediator of RNA polymerase I	not DE	not DE	not DE	not DE
EVM0000606	LG13	mental retardation GTPase ac	not DE	not DE	not DE	not DE
EVM0017656	LG13	metal tolerance protein C2-l	not DE	not DE	not DE	not DE
EVM0002642	LG13	metalloendoprotease 1-like	not DE	not DE	not DE	not DE

EVM0017332	LG13	metalloendoprotease 1-like	not DE	not DE	not DE	not DE
EVM0010954	LG13	mitochondrial fission protein	not DE	not DE	not DE	not DE
EVM0014268	LG13	mitochondrial import inner m	not DE	not DE	not DE	not DE
EVM0011669	LG13	mitoferrin-like	not DE	not DE	not DE	not DE
EVM0023873	LG13	mitogen-activated protein kin	not DE	not DE	not DE	not DE
EVM0008955	LG13	multidrug and toxin extrusio	not DE	not DE	not DE	not DE
EVM0011049	LG13	myb family transcription fac	not DE	not DE	not DE	not DE
EVM0022504	LG13	myb-related protein Myb4-like	not DE	not DE	not DE	not DE
EVM0013702	LG13	myosin-2-like isoform X1	not DE	not DE	not DE	not DE
EVM0021005	LG13	myosin-2-like isoform X1	not DE	not DE	not DE	not DE
EVM0011223	LG13	myosin-9-like	not DE	not DE	not DE	not DE
EVM0003941	LG13	neurofilament heavy polypept	not DE	not DE	not DE	not DE
EVM0021314	LG13	ninja-family protein AFP3-li	1.765043	0.013279	not DE	not DE
EVM0020116	LG13	nipped-B-like protein-like i	not DE	not DE	not DE	not DE
EVM0003468	LG13	nodulation-signaling pathway	not DE	not DE	not DE	not DE
EVM0002959	LG13	non-specific lipid-transfer	not DE	not DE	not DE	not DE
EVM0016905	LG13	non-structural maintenance c	not DE	not DE	not DE	not DE
EVM0011548	LG13	nuclear transcription factor	not DE	not DE	not DE	not DE
EVM0019538	LG13	nudix hydrolase 23, chloropl	not DE	not DE	not DE	not DE
EVM0016725	LG13	nudix hydrolase 27, chloropl	not DE	not DE	not DE	not DE
EVM0014771	LG13	omega-6 fatty acid desaturas	not DE	not DE	not DE	not DE
EVM0011856	LG13	outer envelope pore protein	not DE	not DE	not DE	not DE
EVM0010256	LG13	pathogenesis-related protein	not DE	not DE	not DE	not DE
EVM0015348	LG13	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0008706	LG13	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0015399	LG13	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0014636	LG13	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0003722	LG13	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0007413	LG13	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0001094	LG13	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0012295	LG13	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0019841	LG13	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0024380	LG13	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0011831	LG13	pentatricopeptide repeat-con	1.87548	0.011741	not DE	not DE
EVM0009428	LG13	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0002955	LG13	peroxiredoxin-2E, chloroplas	not DE	not DE	not DE	not DE
EVM0016949	LG13	phenolic glucoside malonyltr	not DE	not DE	-1.26367	0.03473
EVM0022802	LG13	phenolic glucoside malonyltr	not DE	not DE	not DE	not DE
EVM0007075	LG13	phosphate transporter PHO1 h	not DE	not DE	not DE	not DE
EVM0020105	LG13	phosphate transporter PHO1 h	not DE	not DE	not DE	not DE
EVM0012561	LG13	phosphatidylinositol 4-phosp	not DE	not DE	-2.87841	0.01609
EVM0012530	LG13	phosphoglycerate kinase 1, c	not DE	not DE	not DE	not DE
EVM0000072	LG13	pleiotropic drug resistance	not DE	not DE	not DE	not DE
EVM0009979	LG13	pleiotropic drug resistance	not DE	not DE	-1.86055	0.03599
EVM0010939	LG13	pleiotropic drug resistance	not DE	not DE	not DE	not DE
EVM0024097	LG13	probable 2-oxoglutarate/Fe(I	not DE	not DE	not DE	not DE
EVM0012247	LG13	probable 3-deoxy-D-manno-oct	not DE	not DE	not DE	not DE
EVM0001069	LG13	probable ADP-ribosylation fa	not DE	not DE	not DE	not DE
EVM0007711	LG13	probable CCR4-associated fac	not DE	not DE	not DE	not DE
EVM0000505	LG13	probable L-type lectin-domai	not DE	not DE	not DE	not DE
EVM0001176	LG13	probable RNA-binding protein	not DE	not DE	not DE	not DE
EVM0011137	LG13	probable RNA-binding protein	not DE	not DE	not DE	not DE
EVM0014303	LG13	probable RNA-binding protein	not DE	not DE	not DE	not DE
EVM0019929	LG13	probable UDP-N-acetylglucosa	not DE	not DE	not DE	not DE

EVM0013857	LG13	probable WRKY transcription	not DE	not DE	not DE	not DE
EVM0002590	LG13	probable WRKY transcription	not DE	not DE	not DE	not DE
EVM0009672	LG13	probable apyrase 7-like isof	not DE	not DE	not DE	not DE
EVM0006207	LG13	probable carboxylesterase 17	not DE	not DE	not DE	not DE
EVM0021896	LG13	probable galacturonosyltrans	not DE	not DE	not DE	not DE
EVM0007563	LG13	probable galacturonosyltrans	not DE	not DE	not DE	not DE
EVM0006268	LG13	probable glutamate carboxype	not DE	not DE	not DE	not DE
EVM0002494	LG13	probable glutathione S-trans	not DE	not DE	not DE	not DE
EVM0020757	LG13	probable glutathione S-trans	2.233268	0.007808	not DE	not DE
EVM0015603	LG13	probable glycosyltransferase	2.876489	0.014248	not DE	not DE
EVM0004812	LG13	probable inactive receptor k	not DE	not DE	not DE	not DE
EVM0017714	LG13	probable inactive receptor k	not DE	not DE	not DE	not DE
EVM0013456	LG13	probable leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0018546	LG13	probable leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0002001	LG13	probable mitochondrial sacch	not DE	not DE	not DE	not DE
EVM0007571	LG13	probable mitochondrial sacch	not DE	not DE	not DE	not DE
EVM0024456	LG13	probable mitochondrial sacch	not DE	not DE	not DE	not DE
EVM0018218	LG13	probable mitochondrial-proce	not DE	not DE	not DE	not DE
EVM0009139	LG13	probable peptide/nitrate tran	not DE	not DE	not DE	not DE
EVM0002763	LG13	probable plastid-lipid-assoc	not DE	not DE	not DE	not DE
EVM0018689	LG13	probable protein kinase DDB_	not DE	not DE	not DE	not DE
EVM0019498	LG13	probable protein phosphatase	not DE	not DE	not DE	not DE
EVM0013762	LG13	probable protein phosphatase	not DE	not DE	not DE	not DE
EVM0008453	LG13	probable purple acid phosphat	not DE	not DE	not DE	not DE
EVM0001386	LG13	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0006010	LG13	probable ribosome biogenesis	not DE	not DE	not DE	not DE
EVM0005865	LG13	probable sucrose-phosphatase	not DE	not DE	1.018415	0.00839
EVM0020568	LG13	probable tRNA (guanine(26)-N	not DE	not DE	not DE	not DE
EVM0019034	LG13	probable ubiquitin conjugati	not DE	not DE	not DE	not DE
EVM0015022	LG13	proline dehydrogenase 1, mit	not DE	not DE	not DE	not DE
EVM0018182	LG13	proline dehydrogenase 1, mit	not DE	not DE	not DE	not DE
EVM0014618	LG13	proline-rich extensin-like p	not DE	not DE	not DE	not DE
EVM0004444	LG13	prolycopene isomerase, chlor	not DE	not DE	not DE	not DE
EVM0017472	LG13	prolyl 4-hydroxylase subunit	not DE	not DE	not DE	not DE
EVM0019812	LG13	protease Do-like 8, chloropl	not DE	not DE	not DE	not DE
EVM0008871	LG13	protein BUD31 homolog 2	not DE	not DE	not DE	not DE
EVM0008331	LG13	protein CLEC16A-like isoform	not DE	not DE	not DE	not DE
EVM0006590	LG13	protein COBRA	not DE	not DE	not DE	not DE
EVM0003820	LG13	protein CREG1-like isoform X	not DE	not DE	not DE	not DE
EVM0021788	LG13	protein FAR-RED ELONGATED HY	not DE	not DE	not DE	not DE
EVM0019471	LG13	protein FAR-RED IMPAIRED RES	not DE	not DE	not DE	not DE
EVM0001714	LG13	protein FEZ-like	not DE	not DE	not DE	not DE
EVM0021748	LG13	protein FEZ-like	not DE	not DE	not DE	not DE
EVM0024646	LG13	protein FLX-like 2-like	not DE	not DE	not DE	not DE
EVM0004704	LG13	protein GAMETE EXPRESSED 3	not DE	not DE	not DE	not DE
EVM0017560	LG13	protein GAMETE EXPRESSED 3	not DE	not DE	not DE	not DE
EVM0006444	LG13	protein LONGIFOLIA 1-like is	not DE	not DE	not DE	not DE
EVM0009263	LG13	protein LURP-one-related 15-	not DE	not DE	not DE	not DE
EVM0019911	LG13	protein LURP-one-related 15-	not DE	not DE	not DE	not DE
EVM0010378	LG13	protein LURP-one-related 8-l	not DE	not DE	not DE	not DE
EVM0005091	LG13	protein NRT1/ PTR FAMILY 2.1	not DE	not DE	not DE	not DE
EVM0013660	LG13	protein NRT1/ PTR FAMILY 2.1	not DE	not DE	not DE	not DE
EVM0016025	LG13	protein NRT1/ PTR FAMILY 2.1	not DE	not DE	not DE	not DE
EVM0021985	LG13	protein NRT1/ PTR FAMILY 2.1	not DE	not DE	not DE	not DE

EVM0004287	LG13	protein NRT1/ PTR FAMILY 5.6	not DE	not DE	-1.32073	0.03482
EVM0004355	LG13	protein PHR1-LIKE 1-like	not DE	not DE	not DE	not DE
EVM0005373	LG13	protein RIK-like isoform X1	not DE	not DE	not DE	not DE
EVM0010973	LG13	protein ROOT PRIMORDIUM DEFEN	not DE	not DE	not DE	not DE
EVM0011998	LG13	protein ROOT PRIMORDIUM DEFEN	not DE	not DE	not DE	not DE
EVM0019592	LG13	protein ROOT PRIMORDIUM DEFEN	not DE	not DE	not DE	not DE
EVM0005309	LG13	protein RRP5 homolog isoform	not DE	not DE	-1.37721	0.00017
EVM0018663	LG13	protein SCO1 homolog 1, mito	not DE	not DE	not DE	not DE
EVM0021999	LG13	protein YLS7-like	not DE	not DE	not DE	not DE
EVM0004334	LG13	protein ZINC INDUCED FACILIT	not DE	not DE	not DE	not DE
EVM0011473	LG13	protein downstream neighbor	not DE	not DE	not DE	not DE
EVM0016865	LG13	protein transport protein Sen	not DE	not DE	not DE	not DE
EVM0002099	LG13	proton-coupled amino acid tra	4.055565	2.53E-05	not DE	not DE
EVM0022776	LG13	putative Dol-P-Glc:Glc(2)Man	not DE	not DE	not DE	not DE
EVM0016668	LG13	putative auxin efflux carrier	not DE	not DE	not DE	not DE
EVM0009397	LG13	putative deoxyribonuclease T	not DE	not DE	not DE	not DE
EVM0017005	LG13	putative deoxyribonuclease T	not DE	not DE	not DE	not DE
EVM0003815	LG13	putative endo-1,3(4)-beta-gl	not DE	not DE	not DE	not DE
EVM0018399	LG13	putative leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0000022	LG13	putative nuclear matrix cons	not DE	not DE	not DE	not DE
EVM0012940	LG13	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0006899	LG13	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0020224	LG13	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0013068	LG13	putative peptide/nitrate tran	not DE	not DE	not DE	not DE
EVM0020602	LG13	putative phosphatidylglycerol	not DE	not DE	not DE	not DE
EVM0016958	LG13	putative receptor protein kin	not DE	not DE	not DE	not DE
EVM0019493	LG13	putative receptor-like prote	not DE	not DE	not DE	not DE
EVM0016695	LG13	putative uncharacterized zin	not DE	not DE	not DE	not DE
EVM0019012	LG13	putative vacuolar protein sc	not DE	not DE	not DE	not DE
EVM0015276	LG13	putative vacuolar protein sc	not DE	not DE	not DE	not DE
EVM0006144	LG13	putative white-brown complex	not DE	not DE	not DE	not DE
EVM0013295	LG13	replication protein A 14 kDa	not DE	not DE	1.880336	0.0009
EVM0013726	LG13	reticulon-like protein B12 i	not DE	not DE	not DE	not DE
EVM0021478	LG13	rhodanese-like domain-contai	-1.14352	0.015342	not DE	not DE
EVM0003272	LG13	rhodanese-like domain-contai	-1.72522	0.013818	not DE	not DE
EVM0008040	LG13	ribosome biogenesis protein	not DE	not DE	not DE	not DE
EVM0018633	LG13	ribosome production factor 2	not DE	not DE	not DE	not DE
EVM0008720	LG13	secoisolariciresinol dehydro	not DE	not DE	not DE	not DE
EVM0020799	LG13	secoisolariciresinol dehydro	not DE	not DE	not DE	not DE
EVM0011225	LG13	selT-like protein	not DE	not DE	not DE	not DE
EVM0014737	LG13	senescence-associated carbox	not DE	not DE	not DE	not DE
EVM0016576	LG13	serine/arginine-rich splicin	-3.11831	1.02E-17	-1.75741	#####
EVM0014148	LG13	soluble inorganic pyrophosph	not DE	not DE	not DE	not DE
EVM0004618	LG13	solute carrier family 35 mem	not DE	not DE	not DE	not DE
EVM0011954	LG13	solute carrier family 35 mem	not DE	not DE	not DE	not DE
EVM0016355	LG13	solute carrier family 35 mem	not DE	not DE	not DE	not DE
EVM0023373	LG13	sorting nexin 1-like isoform	not DE	not DE	not DE	not DE
EVM0014433	LG13	splicing factor 3A subunit 2	not DE	not DE	not DE	not DE
EVM0016950	LG13	splicing factor U2af small s	not DE	not DE	not DE	not DE
EVM0017938	LG13	steroid 5-alpha-reductase DE	not DE	not DE	not DE	not DE
EVM0006476	LG13	subtilisin-like protease SBT	not DE	not DE	not DE	not DE
EVM0001953	LG13	syntaxin-71-like	not DE	not DE	not DE	not DE
EVM0008899	LG13	thaumatin-like protein 1-lik	not DE	not DE	not DE	not DE
EVM0004247	LG13	thaumatin-like protein-like	not DE	not DE	not DE	not DE

EVM0022678	LG13	thioredoxin-like protein AAE	not DE	not DE	not DE	not DE
EVM0002262	LG13	thyroid adenoma-associated p	not DE	not DE	not DE	not DE
EVM0004923	LG13	thyroid adenoma-associated p	not DE	not DE	not DE	not DE
EVM0010272	LG13	thyroid adenoma-associated p	not DE	not DE	not DE	not DE
EVM0008158	LG13	trafficking protein particle	not DE	not DE	not DE	not DE
EVM0009780	LG13	trafficking protein particle	not DE	not DE	not DE	not DE
EVM0023685	LG13	transcription factor CYCLOID	not DE	not DE	not DE	not DE
EVM0006828	LG13	transcription factor E2FA-li	1.070516	0.009382	not DE	not DE
EVM0019980	LG13	transcription factor EMB1444	not DE	not DE	not DE	not DE
EVM0015292	LG13	transcription factor TCP11-l	not DE	not DE	not DE	not DE
EVM0003092	LG13	transcription factor bHLH135	not DE	not DE	not DE	not DE
EVM0006485	LG13	transcription factor bHLH135	not DE	not DE	not DE	not DE
EVM0016483	LG13	transcription factor bHLH140	not DE	not DE	not DE	not DE
EVM0004884	LG13	transcription factor-like pr	not DE	not DE	not DE	not DE
EVM0005068	LG13	transcription initiation fac	not DE	not DE	not DE	not DE
EVM0009131	LG13	transcription initiation fac	not DE	not DE	not DE	not DE
EVM0019735	LG13	transcription initiation fac	not DE	not DE	not DE	not DE
EVM0013287	LG13	transcriptional regulator TA	not DE	not DE	not DE	not DE
EVM0019733	LG13	translin-like	not DE	not DE	not DE	not DE
EVM0004810	LG13	transposon Ty3-G Gag-Pol pol	not DE	not DE	not DE	not DE
EVM0005254	LG13	trihelix transcription facto	not DE	not DE	not DE	not DE
EVM0004099	LG13	tropinone reductase homolog	not DE	not DE	not DE	not DE
EVM0006032	LG13	tropinone reductase homolog	not DE	not DE	not DE	not DE
EVM0004225	LG13	tropinone reductase homolog	not DE	not DE	not DE	not DE
EVM0001378	LG13	tubulin alpha chain-like	not DE	not DE	7.412146	0.00084
EVM0013488	LG13	two-component response regul	not DE	not DE	not DE	not DE
EVM0006575	LG13	type I inositol 1,4,5-trisph	not DE	not DE	not DE	not DE
EVM0001211	LG13	ubiquitin carboxyl-terminal	not DE	not DE	not DE	not DE
EVM0014455	LG13	ubiquitin receptor RAD23c-li	not DE	not DE	not DE	not DE
EVM0015550	LG13	ubiquitin receptor RAD23c-li	not DE	not DE	not DE	not DE
EVM0012215	LG13	ubiquitin-activating enzyme	not DE	not DE	not DE	not DE
EVM0007978	LG13	ubiquitin-conjugating enzyme	not DE	not DE	not DE	not DE
EVM0013292	LG13	ubiquitin-conjugating enzyme	not DE	not DE	not DE	not DE
EVM0002205	LG13	uncharacterized CRM domain-c	not DE	not DE	not DE	not DE
EVM0017730	LG13	uncharacterized CRM domain-c	not DE	not DE	not DE	not DE
EVM0003944	LG13	uncharacterized acetyltransf	not DE	not DE	not DE	not DE
EVM0021787	LG13	uncharacterized acetyltransf	not DE	not DE	not DE	not DE
EVM0004877	LG13	uncharacterized membrane pro	not DE	not DE	not DE	not DE
EVM0004117	LG13	uncharacterized membrane pro	not DE	not DE	-1.9991	0.02255
EVM0020056	LG13	uncharacterized permease C29	not DE	not DE	not DE	not DE
EVM0018956	LG13	uncharacterized protein At1g	not DE	not DE	not DE	not DE
EVM0011800	LG13	uncharacterized protein At1g	not DE	not DE	not DE	not DE
EVM0005005	LG13	uncharacterized protein At1g	not DE	not DE	not DE	not DE
EVM0021623	LG13	uncharacterized protein At1g	not DE	not DE	not DE	not DE
EVM0012903	LG13	uncharacterized protein At2g	not DE	not DE	not DE	not DE
EVM0007225	LG13	uncharacterized protein At2g	not DE	not DE	not DE	not DE
EVM0009599	LG13	uncharacterized protein At2g	not DE	not DE	not DE	not DE
EVM0000548	LG13	uncharacterized protein At3g	not DE	not DE	not DE	not DE
EVM0007261	LG13	uncharacterized protein At3g	not DE	not DE	not DE	not DE
EVM0018011	LG13	uncharacterized protein At3g	not DE	not DE	not DE	not DE
EVM0018293	LG13	uncharacterized protein At3g	not DE	not DE	not DE	not DE
EVM0020989	LG13	uncharacterized protein At4g	-2.30533	0.003796	not DE	not DE
EVM0005731	LG13	uncharacterized protein At4g	not DE	not DE	not DE	not DE
EVM0018418	LG13	uncharacterized protein At5g	not DE	not DE	not DE	not DE

EVM0011557	LG13	uncharacterized protein LOC1	not DE	not DE	2.070903	0.00046
EVM0010763	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022004	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010561	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021177	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001477	LG13	uncharacterized protein LOC1	not DE	not DE	-1.53534	0.02879
EVM0006265	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017200	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021705	LG13	uncharacterized protein LOC1	not DE	not DE	1.043532	0.01021
EVM0024552	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022905	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017875	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008932	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023827	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016654	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023226	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016541	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023384	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024002	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009128	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001184	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001308	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011786	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020296	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006661	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014104	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000775	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000121	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019527	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000820	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010300	LG13	uncharacterized protein LOC1	1.479024	0.010845	not DE	not DE
EVM0019040	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003607	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005646	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013859	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014843	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016459	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012827	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015429	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020249	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013659	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019712	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009641	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014728	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005131	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000994	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017379	LG13	uncharacterized protein LOC1	4.24887	0.001882	not DE	not DE
EVM0000560	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023156	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018524	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018694	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015894	LG13	uncharacterized protein LOC1	not DE	not DE	4.93804	0.00347
EVM0005414	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014084	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE



EVM0006285	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019279	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015132	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020821	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021805	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001544	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012832	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002269	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019626	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018748	LG13	uncharacterized protein LOC1	not DE	not DE	2.544961	0.00626
EVM0020866	LG13	uncharacterized protein LOC1	not DE	not DE	-1.06632	0.00054
EVM0018849	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016588	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012980	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019789	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017414	LG13	uncharacterized protein LOC1	not DE	not DE	-1.57191	0.02128
EVM0013123	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012187	LG13	uncharacterized protein LOC1	1.032082	0.001553	not DE	not DE
EVM0008663	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009099	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024131	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004139	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009628	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021449	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013751	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008479	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018058	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006323	LG13	uncharacterized protein LOC1	not DE	not DE	-1.2175	#####
EVM0003333	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007903	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023985	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007807	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000520	LG13	uncharacterized protein LOC1	not DE	not DE	1.257485	#####
EVM0009658	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011409	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012974	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003005	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003975	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005605	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022025	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012391	LG13	uncharacterized protein LOC1	-2.11266	0.039199	-1.70794	0.00961
EVM0011300	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017327	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021521	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019219	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001652	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015414	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004987	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017269	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001814	LG13	uncharacterized protein LOC1	not DE	not DE	2.092733	#####
EVM0004670	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013899	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024207	LG13	uncharacterized protein LOC1	not DE	not DE	1.05191	#####
EVM0022198	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE

EVM0021213	LG13	uncharacterized protein LOC1	-2.07154	1.48E-11	not DE	not DE
EVM0015720	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016323	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003535	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019702	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016052	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013261	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008589	LG13	uncharacterized protein LOC1	-2.23932	0.011321	not DE	not DE
EVM0012547	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023838	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012793	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014426	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013365	LG13	uncharacterized protein LOC1	not DE	not DE	1.024698	0.00016
EVM0016495	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010803	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003677	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001244	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001229	LG13	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001121	LG13	universal stress protein A-like	not DE	not DE	not DE	not DE
EVM0018076	LG13	vacuolar amino acid transporter	not DE	not DE	not DE	not DE
EVM0016487	LG13	vacuolar cation/proton exchanger	3.597555	1.94E-07	1.26383	0.00014
EVM0015663	LG13	vacuolar protein sorting-associated	not DE	not DE	not DE	not DE
EVM0024352	LG13	very-long-chain enoyl-CoA reductase	not DE	not DE	not DE	not DE
EVM0011031	LG13	vesicle transport v-SNARE 13	not DE	not DE	not DE	not DE
EVM0013399	LG13	wall-associated receptor kinase	not DE	not DE	not DE	not DE
EVM0021014	LG13	xylem serine proteinase 1-like	not DE	not DE	not DE	not DE
EVM0000004	LG13	xylosyltransferase 1	-1.111	0.003559	not DE	not DE
EVM0009545	LG13	xylosyltransferase 2-like	not DE	not DE	not DE	not DE
EVM0020166	LG13	zinc finger A20 and AN1 domain	1.014201	0.013229	not DE	not DE
EVM0019737	LG13	zinc finger BED domain-containing	not DE	not DE	not DE	not DE
EVM0004054	LG13	zinc finger CCCH domain-containing	not DE	not DE	not DE	not DE
EVM0017487	LG13	zinc finger protein 593 homolog	not DE	not DE	1.280084	0.00447
EVM0021085	LG13	zinc finger protein ZAT5-like	not DE	not DE	not DE	not DE
EVM0016552	LG13	zinc transporter 5	not DE	not DE	not DE	not DE
EVM0005361	LG13	zinc transporter 8-like	not DE	not DE	not DE	not DE
EVM0006916	LG13	14-3-3 protein	not DE	not DE	not DE	not DE
EVM0000296	LG13	18 kDa seed maturation protein	5.594123	0.000814	3.128599	0.0432
EVM0009699	LG13	2-cysteine peroxiredoxin B	not DE	not DE	not DE	not DE
EVM0009938	LG13	39S ribosomal L41-A, mitochondrial	not DE	not DE	not DE	not DE
EVM0018962	LG13	39S ribosomal L41-A, mitochondrial	not DE	not DE	not DE	not DE
EVM0008429	LG13	50S ribosomal protein L23 (chloroplast)	-2.63915	0.021273	not DE	not DE
EVM0014602	LG13	5'-AMP-activated protein kinase	not DE	not DE	not DE	not DE
EVM0011566	LG13	60S acidic ribosomal protein	not DE	not DE	not DE	not DE
EVM0000921	LG13	ABC transporter family protein	not DE	not DE	not DE	not DE
EVM0013457	LG13	ABC transporter family protein	not DE	not DE	not DE	not DE
EVM0000142	LG13	ABC-2 type transporter family	not DE	not DE	not DE	not DE
EVM0005622	LG13	ABC-2 type transporter family	not DE	not DE	not DE	not DE
EVM0010242	LG13	ABC-2 type transporter family	not DE	not DE	not DE	not DE
EVM0015404	LG13	ABC-2 type transporter family	not DE	not DE	not DE	not DE
EVM0022257	LG13	AP2/B3-like transcription factor	3.391552	0.00173	not DE	not DE
EVM0003973	LG13	ARM repeat superfamily protein	not DE	not DE	not DE	not DE
EVM0022852	LG13	ATP binding protein, putative	not DE	not DE	not DE	not DE
EVM0022526	LG13	ATPP2-A13, putative	not DE	not DE	not DE	not DE
EVM0018378	LG13	ATPase, V0/A0 complex, subunit	not DE	not DE	not DE	not DE

EVM0020012	LG13	Actin-11	not DE	not DE	not DE	not DE
EVM0010138	LG13	Acyl-CoA oxidase 4	not DE	not DE	not DE	not DE
EVM0001805	LG13	Acylphosphatase	not DE	not DE	not DE	not DE
EVM0014311	LG13	Acylphosphatase	-3.94781	1.10E-31	-2.0283	#####
EVM0015873	LG13	Alpha carbonic anhydrase 1, p	not DE	not DE	not DE	not DE
EVM0022121	LG13	Alpha carbonic anhydrase 1, p	not DE	not DE	not DE	not DE
EVM0007901	LG13	Alpha carbonic anhydrase 7 is	not DE	not DE	not DE	not DE
EVM0014395	LG13	Alpha carbonic anhydrase 7 is	not DE	not DE	not DE	not DE
EVM0002207	LG13	Alpha-expansin 19	not DE	not DE	not DE	not DE
EVM0005003	LG13	Alpha-expansin 3 precursor	not DE	not DE	not DE	not DE
EVM0004097	LG13	Alpha/beta-Hydrolases superfa	not DE	not DE	not DE	not DE
EVM0019429	LG13	Aquaporin PIP2.2, putative	not DE	not DE	not DE	not DE
EVM0001306	LG13	BP8	not DE	not DE	not DE	not DE
EVM0013732	LG13	Basic-leucine zipper transcri	not DE	not DE	not DE	not DE
EVM0021491	LG13	Basic-leucine zipper transcri	not DE	not DE	not DE	not DE
EVM0008626	LG13	Binding protein, putative iso	not DE	not DE	not DE	not DE
EVM0008903	LG13	BnaC01g23250D	not DE	not DE	not DE	not DE
EVM0022657	LG13	BnaC05g41680D	not DE	not DE	not DE	not DE
EVM0015108	LG13	C2H2-like zinc finger protein	not DE	not DE	not DE	not DE
EVM0002799	LG13	CASP-like protein	not DE	not DE	not DE	not DE
EVM0005584	LG13	CDK5RAP3-like protein	not DE	not DE	not DE	not DE
EVM0011812	LG13	Caffeic acid 3-O-methyltransf	not DE	not DE	not DE	not DE
EVM0013164	LG13	Calcium-dependent lipid-bindin	not DE	not DE	not DE	not DE
EVM0015614	LG13	Calcium/lipid-binding (CaLB)	not DE	not DE	not DE	not DE
EVM0012310	LG13	Calmodulin-binding family pro	not DE	not DE	not DE	not DE
EVM0009751	LG13	Cell wall invertase 2 isoform	not DE	not DE	2.647294	0.00701
EVM0023929	LG13	Chloroplast signal recognitio	not DE	not DE	not DE	not DE
EVM0018644	LG13	Component of oligomeric golgi	not DE	not DE	not DE	not DE
EVM0004991	LG13	Copper transporter, putative	not DE	not DE	not DE	not DE
EVM0004270	LG13	Cytochrome B561-1 isoform 1	not DE	not DE	not DE	not DE
EVM0015166	LG13	Cytochrome c oxidase biogenes	not DE	not DE	not DE	not DE
EVM0008906	LG13	D-alanine--D-alanine ligase f	not DE	not DE	not DE	not DE
EVM0005043	LG13	DNA binding with one finger 2	not DE	not DE	not DE	not DE
EVM0023664	LG13	DNA-binding bromodomain-conta	not DE	not DE	not DE	not DE
EVM0009629	LG13	DNA-binding protein S1FA1	-1.67537	1.01E-05	not DE	not DE
EVM0007008	LG13	Dehydration-responsive elemen	not DE	not DE	not DE	not DE
EVM0016628	LG13	Dehydration-responsive elemen	not DE	not DE	not DE	not DE
EVM0021462	LG13	Duplicated homeodomain-like s	not DE	not DE	not DE	not DE
EVM0004057	LG13	Elongation factor P family pr	not DE	not DE	not DE	not DE
EVM0008978	LG13	Emb:CAB82953.1, putative	not DE	not DE	not DE	not DE
EVM0015615	LG13	Emp24/gp25L/p24 family/GOLD f	not DE	not DE	not DE	not DE
EVM0022862	LG13	Eukaryotic release factor 1 (	not DE	not DE	not DE	not DE
EVM0019770	LG13	Exocyst subunit exo70 family	not DE	not DE	not DE	not DE
EVM0001443	LG13	F-box family protein, putativ	not DE	not DE	not DE	not DE
EVM0022307	LG13	F21M11.16 protein isoform 1	not DE	not DE	not DE	not DE
EVM0001318	LG13	FAD-binding Berberine family	not DE	not DE	not DE	not DE
EVM0010716	LG13	FAD-binding Berberine family	not DE	not DE	not DE	not DE
EVM0019888	LG13	FAD-binding Berberine family	not DE	not DE	not DE	not DE
EVM0015943	LG13	FAR1-related sequence 5	not DE	not DE	not DE	not DE
EVM0023634	LG13	Farnesylated protein-converti	not DE	not DE	not DE	not DE
EVM0017270	LG13	Ferretin 1 isoform 1	not DE	not DE	not DE	not DE
EVM0015230	LG13	GA-stimulated transcript-like	not DE	not DE	1.95105	#####
EVM0012481	LG13	GRAS family transcription fac	not DE	not DE	not DE	not DE
EVM0008758	LG13	GRAS family transcription fac	3.005678	0.026297	not DE	not DE

EVM0012976	LG13	Gibberellin receptor GID1, pu	not DE	not DE	not DE	not DE
EVM0020569	LG13	Glucose-1-phosphate adenylylt	not DE	not DE	not DE	not DE
EVM0023344	LG13	Glutamine dumper 2, putative	not DE	not DE	not DE	not DE
EVM0011157	LG13	Glycerol-3-phosphate acyltran	not DE	not DE	not DE	not DE
EVM0005213	LG13	HVA22-like protein J, putativ	not DE	not DE	not DE	not DE
EVM0020037	LG13	Harpin-induced 1, putative	not DE	not DE	not DE	not DE
EVM0014754	LG13	Heat shock cognate 70 kDa pro	-2.02108	0.000385	-1.25681	0.00771
EVM0001142	LG13	Histone superfamily protein	-1.84178	0.000151	not DE	not DE
EVM0019958	LG13	Homeobox prospero	not DE	not DE	not DE	not DE
EVM0018635	LG13	Hydroxyproline-rich glycoprot	not DE	not DE	not DE	not DE
EVM0022821	LG13	Hydroxyproline-rich glycoprot	not DE	not DE	not DE	not DE
EVM0006758	LG13	Inositol phosphorylceramide s	not DE	not DE	not DE	not DE
EVM0009170	LG13	Kinase superfamily protein	not DE	not DE	not DE	not DE
EVM0003144	LG13	Kinase superfamily protein is	not DE	not DE	not DE	not DE
EVM0004073	LG13	LRR receptor-like serine/thre	not DE	not DE	not DE	not DE
EVM0018791	LG13	LRR receptor-like serine/thre	not DE	not DE	not DE	not DE
EVM0021169	LG13	LURP-one-related 1, putative	not DE	not DE	not DE	not DE
EVM0004897	LG13	Late embryogenesis abundant p	not DE	not DE	not DE	not DE
EVM0005478	LG13	Leucine-rich repeat protein k	not DE	not DE	not DE	not DE
EVM0001471	LG13	Leucine-rich repeat protein k	not DE	not DE	not DE	not DE
EVM0008550	LG13	Lysine decarboxylase family p	not DE	not DE	not DE	not DE
EVM0019688	LG13	Malectin/receptor-like protei	not DE	not DE	not DE	not DE
EVM0010750	LG13	Mannan endo-1,4-beta-mannosid	not DE	not DE	not DE	not DE
EVM0006290	LG13	Matrixin family protein	not DE	not DE	not DE	not DE
EVM0011216	LG13	Matrixin family protein	not DE	not DE	not DE	not DE
EVM0023118	LG13	Methyltransferase-like protei	not DE	not DE	not DE	not DE
EVM0011804	LG13	Mini zinc finger 2 isoform 2,	not DE	not DE	not DE	not DE
EVM0024162	LG13	Mini zinc finger 2 isoform 2,	not DE	not DE	not DE	not DE
EVM0010235	LG13	Monodehydroascorbate reductas	not DE	not DE	not DE	not DE
EVM0022378	LG13	Myb domain protein 105, putat	not DE	not DE	not DE	not DE
EVM0020610	LG13	NAC domain containing protein	not DE	not DE	not DE	not DE
EVM0012218	LG13	NAC domain protein, IPR003441	not DE	not DE	not DE	not DE
EVM0013393	LG13	NAD(P)-binding Rossmann-fold	not DE	not DE	not DE	not DE
EVM0009146	LG13	Non-intrinsic ABC protein 9	not DE	not DE	1.031134	0.00046
EVM0018099	LG13	Non-intrinsic ABC protein 9	not DE	not DE	not DE	not DE
EVM0004503	LG13	Non-specific lipid-transfer	not DE	not DE	1.583897	0.00443
EVM0021107	LG13	Nuclear shuttle interacting i	not DE	not DE	not DE	not DE
EVM0013060	LG13	Nucleotide-diphospho-sugar tr	not DE	not DE	not DE	not DE
EVM0020514	LG13	Nucleotide-sugar transporter	-3.69288	0.044452	not DE	not DE
EVM0022768	LG13	Ovate family protein 13, puta	not DE	not DE	not DE	not DE
EVM0005848	LG13	Oxysterol-binding family prot	not DE	not DE	not DE	not DE
EVM0018127	LG13	Oxysterol-binding family prot	not DE	not DE	not DE	not DE
EVM0006451	LG13	P-loop containing nucleoside	not DE	not DE	not DE	not DE
EVM0022067	LG13	PGPD14 isoform 1	not DE	not DE	not DE	not DE
EVM0017772	LG13	PHD finger ALFIN-LIKE 1 -like	not DE	not DE	not DE	not DE
EVM0013670	LG13	Pentatricopeptide repeat (PPR	2.520378	0.011724	not DE	not DE
EVM0015733	LG13	Pentatricopeptide repeat (PPR	not DE	not DE	not DE	not DE
EVM0023645	LG13	Pentatricopeptide repeat (PPR	not DE	not DE	not DE	not DE
EVM0008334	LG13	Peroxidase 2	not DE	not DE	not DE	not DE
EVM0013284	LG13	Peroxidase superfamily protei	not DE	not DE	not DE	not DE
EVM0012762	LG13	Phototropic-responsive NPH3 f	not DE	not DE	not DE	not DE
EVM0011276	LG13	Phytosulfokine 3 precursor, p	not DE	not DE	not DE	not DE
EVM0010255	LG13	Plant adhesion molecule 1 isc	not DE	not DE	not DE	not DE
EVM0024062	LG13	Plastid transcription factor	1.066306	0.003305	not DE	not DE

EVM0004534	LG13	Polyadenylate-binding 2 -like	not DE	not DE	not DE	not DE
EVM0018257	LG13	Polyubiquitin-A	not DE	not DE	not DE	not DE
EVM0022010	LG13	Polyubiquitin-A	not DE	not DE	not DE	not DE
EVM0002524	LG13	Promoter-binding protein SPL9	not DE	not DE	not DE	not DE
EVM0017317	LG13	Protease degQ precursor, puta	not DE	not DE	not DE	not DE
EVM0008239	LG13	Proteasome inhibitor-related	not DE	not DE	not DE	not DE
EVM0007722	LG13	Protein FAM96B, putative	not DE	not DE	not DE	not DE
EVM0002519	LG13	Protein pim1, putative	not DE	not DE	not DE	not DE
EVM0021837	LG13	Putative mediator of RNA poly	not DE	not DE	not DE	not DE
EVM0023420	LG13	Putative serine/threonine-pro	not DE	not DE	not DE	not DE
EVM0007186	LG13	Putative xyloglucan endotrans	not DE	not DE	not DE	not DE
EVM0012679	LG13	Pyrroline-5-carboxylate synth	2.913117	0.00067	not DE	not DE
EVM0018346	LG13	RAB6-interacting golgin	not DE	not DE	not DE	not DE
EVM0018652	LG13	RHO guanyl-nucleotide exchang	not DE	not DE	not DE	not DE
EVM0006988	LG13	RHOMBOLD-like 1	not DE	not DE	not DE	not DE
EVM0015570	LG13	RHOMBOLD-like 1	not DE	not DE	not DE	not DE
EVM0016856	LG13	RHOMBOLD-like protein 15	not DE	not DE	not DE	not DE
EVM0018537	LG13	RING-H2 finger protein ATL3C,	not DE	not DE	not DE	not DE
EVM0021285	LG13	RING/U-box superfamily protei	not DE	not DE	not DE	not DE
EVM0015539	LG13	RING/U-box superfamily protei	1.859601	0.026427	not DE	not DE
EVM0001305	LG13	RING/U-box superfamily protei	not DE	not DE	not DE	not DE
EVM0013563	LG13	RNA-binding KH domain-contain	not DE	not DE	not DE	not DE
EVM0021474	LG13	RNA-binding KH domain-contain	not DE	not DE	not DE	not DE
EVM0019996	LG13	RNA-binding family protein	not DE	not DE	not DE	not DE
EVM0023709	LG13	RP non-ATPase subunit 8A	not DE	not DE	not DE	not DE
EVM0010655	LG13	RecName: Full=S-adenosylmethi	not DE	not DE	not DE	not DE
EVM0021865	LG13	Regulator of chromosome conde	-3.01573	1.02E-06	-1.89781	0.00117
EVM0009615	LG13	Response to aba and salt 1, p	not DE	not DE	not DE	not DE
EVM0005161	LG13	Ribulose biphosphate carboxy	-1.71588	0.013866	-2.68285	#####
EVM0017429	LG13	S-adenosyl-L-methionine-depen	not DE	not DE	not DE	not DE
EVM0003161	LG13	S-adenosyl-L-methionine-depen	not DE	not DE	not DE	not DE
EVM0008636	LG13	S-adenosylmethionine decarbox	not DE	not DE	not DE	not DE
EVM0016960	LG13	SAC domain-containing protein	not DE	not DE	not DE	not DE
EVM0015695	LG13	SAUR family protein	not DE	not DE	not DE	not DE
EVM0022949	LG13	SAUR family protein	not DE	not DE	not DE	not DE
EVM0008430	LG13	SAUR-like auxin-responsive pr	not DE	not DE	not DE	not DE
EVM0021423	LG13	SAUR-like auxin-responsive pr	not DE	not DE	not DE	not DE
EVM0009995	LG13	SCL domain class transcriptio	not DE	not DE	not DE	not DE
EVM0019660	LG13	SP1L, putative	not DE	not DE	1.026776	0.01555
EVM0015822	LG13	SPFH/Band 7/PHB domain-contain	not DE	not DE	not DE	not DE
EVM0002515	LG13	SPX (SYG1/Pho81/XPR1) domain	2.363328	0.022025	not DE	not DE
EVM0005372	LG13	Seven transmembrane MLO famil	not DE	not DE	not DE	not DE
EVM0012865	LG13	Solute carrier family 25 memb	not DE	not DE	not DE	not DE
EVM0014672	LG13	Spotted leaf protein, putativ	not DE	not DE	not DE	not DE
EVM0012452	LG13	Syntaxin-121 protein	not DE	not DE	not DE	not DE
EVM0000359	LG13	T25B24.5 protein, putative	not DE	not DE	not DE	not DE
EVM0020860	LG13	T25B24.5 protein, putative	not DE	not DE	not DE	not DE
EVM0019799	LG13	TFL1-1	not DE	not DE	not DE	not DE
EVM0020336	LG13	TFL1-1	not DE	not DE	not DE	not DE
EVM0007912	LG13	T070-3	not DE	not DE	not DE	not DE
EVM0022290	LG13	TTG1-like protein	not DE	not DE	not DE	not DE
EVM0006715	LG13	Tetratricopeptide repeat-like	not DE	not DE	not DE	not DE
EVM0013771	LG13	Thiamine pyrophosphate depend	not DE	not DE	not DE	not DE
EVM0008686	LG13	Transcript elongation factor	not DE	not DE	not DE	not DE

EVM0012879	LG13	Transducin/WD40 repeat-like s	not DE	not DE	not DE	not DE
EVM0011386	LG13	Transitional endoplasmic reti	-1.13476	0.01755	-1.44522	#####
EVM0012575	LG13	Transmembrane and coiled-coil	not DE	not DE	not DE	not DE
EVM0011696	LG13	Tryptophan synthase beta type	not DE	not DE	not DE	not DE
EVM0018294	LG13	Tryptophan synthase beta type	not DE	not DE	not DE	not DE
EVM0019551	LG13	Type one serine/threonine pro	not DE	not DE	not DE	not DE
EVM0008658	LG13	UDP-Glycosyltransferase super	not DE	not DE	not DE	not DE
EVM0022781	LG13	UDP-Glycosyltransferase super	not DE	not DE	not DE	not DE
EVM0008995	LG13	UDP-glucosyl transferase 73C6	not DE	not DE	not DE	not DE
EVM0021989	LG13	UDP-glucosyl transferase 73C6	not DE	not DE	not DE	not DE
EVM0024398	LG13	UDP-glucosyltransferase, puta	-2.68349	0.002484	not DE	not DE
EVM0002627	LG13	UDP-glucuronosyltransferase,	not DE	not DE	not DE	not DE
EVM0010764	LG13	UNCOUPLING family protein	not DE	not DE	not DE	not DE
EVM0010563	LG13	UbiA prenyltransferase family	not DE	not DE	not DE	not DE
EVM0013596	LG13	Ubiquitin E2 variant 1D-4	not DE	not DE	not DE	not DE
EVM0008517	LG13	Ubiquitin supergroup, Ribosoma	not DE	not DE	not DE	not DE
EVM0004636	LG13	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0008969	LG13	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0020729	LG13	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0013355	LG13	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0006745	LG13	Uncharacterized protein TCM_C	-1.88058	0.000306	not DE	not DE
EVM0011050	LG13	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0012149	LG13	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0018840	LG13	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0021214	LG13	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0017797	LG13	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0009984	LG13	Uncharacterized protein TCM_C	not DE	not DE	-4.75659	0.00213
EVM0014851	LG13	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0009033	LG13	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0018685	LG13	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0000774	LG13	Uncharacterized protein TCM_C	-2.57857	0.021961	not DE	not DE
EVM0015266	LG13	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0018803	LG13	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0006499	LG13	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0016315	LG13	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0020680	LG13	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0011006	LG13	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0002387	LG13	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0005219	LG13	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0021638	LG13	Uridine-ribohydrolase 1 isofo	not DE	not DE	not DE	not DE
EVM0011312	LG13	Voltage dependent anion chann	not DE	not DE	not DE	not DE
EVM0017767	LG13	Voltage dependent anion chann	not DE	not DE	not DE	not DE
EVM0004275	LG13	WCRKC thioredoxin 1 isoform 1	2.351814	0.019981	3.32394	#####
EVM0009496	LG13	WD-40 repeat family protein	not DE	not DE	not DE	not DE
EVM0022427	LG13	WRKY transcription factor 17	not DE	not DE	not DE	not DE
EVM0009650	LG13	WRKY transcription factor 72-	not DE	not DE	not DE	not DE
EVM0016348	LG13	Yippee family zinc-binding pr	not DE	not DE	1.603206	0.00311
EVM0013387	LG13	Zinc-finger protein 10, putat	not DE	not DE	not DE	not DE
EVM0013516	LG13	abscisic acid &apos;-hydroxy	not DE	not DE	not DE	not DE
EVM0013846	LG13	actin-depolymerizing factor 3	not DE	not DE	not DE	not DE
EVM0007026	LG13	alanine-glyoxylate aminotrans	1.241454	0.039211	not DE	not DE
EVM0003958	LG13	alcohol dehydroge family prot	2.970574	0.004565	not DE	not DE
EVM0016150	LG13	auxin response factor	not DE	not DE	not DE	not DE
EVM0022032	LG13	auxin:hydrogen symporter, put	1.659044	0.040708	not DE	not DE

EVM0013594	LG13	beta-tubulin	not DE	not DE	not DE	not DE
EVM0006301	LG13	calcium binding protein/cast,	not DE	not DE	not DE	not DE
EVM0023834	LG13	carbon catabolite repressor p	not DE	not DE	not DE	not DE
EVM0020309	LG13	carboxylic ester hydrolase, p	not DE	not DE	not DE	not DE
EVM0006185	LG13	chloroplast chlorophyll A/B b	-1.79164	8.68E-05	not DE	not DE
EVM0017119	LG13	chloroplast-targeted copper c	not DE	not DE	not DE	not DE
EVM0003107	LG13	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0005322	LG13	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0012868	LG13	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0015111	LG13	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0016022	LG13	conserved hypothetical protei	-2.3541	0.043722	not DE	not DE
EVM0017349	LG13	conserved hypothetical protei	not DE	not DE	1.260773	0.00343
EVM0018168	LG13	conserved hypothetical protei	1.185489	0.005265	not DE	not DE
EVM0022357	LG13	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0023518	LG13	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0020269	LG13	copia LTR rider	not DE	not DE	not DE	not DE
EVM0012254	LG13	cytochrome P450, putative	not DE	not DE	not DE	not DE
EVM0006194	LG13	cytochrome b6 (chloroplast)	-1.72353	7.20E-07	not DE	not DE
EVM0002009	LG13	cytochrome b6-f complex subun	-1.70678	8.68E-05	not DE	not DE
EVM0007678	LG13	cytochrome c oxidase subunit	not DE	not DE	not DE	not DE
EVM0003665	LG13	cytokinin riboside 5&apos;-mo	not DE	not DE	not DE	not DE
EVM0022009	LG13	cytosolic ascorbate peroxidase	-1.62962	0.028302	not DE	not DE
EVM0001976	LG13	expansin	not DE	not DE	not DE	not DE
EVM0005654	LG13	expansin	not DE	not DE	not DE	not DE
EVM0014028	LG13	ferritin, plant, putative	not DE	not DE	not DE	not DE
EVM0012060	LG13	fruitful 1	not DE	not DE	not DE	not DE
EVM0015759	LG13	heat shock protein binding pr	not DE	not DE	not DE	not DE
EVM0014585	LG13	homeobox protein, putative	not DE	not DE	not DE	not DE
EVM0020278	LG13	hypothetical protein AALP_AA	not DE	not DE	not DE	not DE
EVM0006550	LG13	hypothetical protein AMTR_s05	not DE	not DE	not DE	not DE
EVM0007116	LG13	hypothetical protein CARUB_vl	not DE	not DE	-3.63705	0.00163
EVM0015349	LG13	hypothetical protein CARUB_vl	not DE	not DE	not DE	not DE
EVM0013379	LG13	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0009418	LG13	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0015153	LG13	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0000439	LG13	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0019382	LG13	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0003729	LG13	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0004883	LG13	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0010231	LG13	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0019413	LG13	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0021804	LG13	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0011873	LG13	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0003224	LG13	hypothetical protein CICLE_vl	not DE	not DE	-1.02443	#####
EVM0012359	LG13	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0017877	LG13	hypothetical protein CICLE_vl	-1.69278	0.002346	-1.27055	#####
EVM0011897	LG13	hypothetical protein CICLE_vl	not DE	not DE	-1.25426	#####
EVM0000570	LG13	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0019969	LG13	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0023675	LG13	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0011724	LG13	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0007934	LG13	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0007224	LG13	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0008613	LG13	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE

EVM0012329	LG13	hypothetical protein CICLE_v1	-1.41891	0.001004	not DE	not DE
EVM0013754	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006167	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022997	LG13	hypothetical protein CICLE_v1	not DE	not DE	-1.38834	0.00102
EVM0008105	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005104	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003624	LG13	hypothetical protein CICLE_v1	not DE	not DE	-1.66286	0.01226
EVM0021379	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020965	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021036	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022106	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003037	LG13	hypothetical protein CICLE_v1	-1.36602	0.004528	-1.7578	#####
EVM0018863	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009976	LG13	hypothetical protein CICLE_v1	1.025812	0.004929	not DE	not DE
EVM0010801	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000469	LG13	hypothetical protein CICLE_v1	2.41103	0.031915	not DE	not DE
EVM0010936	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023108	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023249	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009564	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004195	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022561	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006234	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021706	LG13	hypothetical protein CICLE_v1	not DE	not DE	1.596183	0.00137
EVM0018931	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013756	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013289	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022563	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006816	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006834	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021718	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023411	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009442	LG13	hypothetical protein CICLE_v1	1.222362	0.001485	not DE	not DE
EVM0006232	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019680	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010853	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017293	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015948	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013603	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008854	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022869	LG13	hypothetical protein CICLE_v1	1.460955	0.006514	not DE	not DE
EVM0017815	LG13	hypothetical protein CICLE_v1	1.615112	0.011511	not DE	not DE
EVM0007375	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020462	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006516	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002403	LG13	hypothetical protein CICLE_v1	1.776365	1.97E-05	not DE	not DE
EVM0021578	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005547	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020770	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012523	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022812	LG13	hypothetical protein CICLE_v1	-1.06374	0.001463	not DE	not DE
EVM0001508	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019507	LG13	hypothetical protein CICLE_v1	1.046105	0.049516	not DE	not DE
EVM0009820	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE



EVM0010411	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011941	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008196	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005830	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023963	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013615	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014157	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011472	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009377	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010787	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016465	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018529	LG13	hypothetical protein CICLE_v1	-1.31457	0.000309	not DE	not DE
EVM0018743	LG13	hypothetical protein CICLE_v1	-2.50142	5.19E-06	-2.38006	#####
EVM0004854	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009324	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010049	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015365	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002133	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023783	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023001	LG13	hypothetical protein CICLE_v1	1.221857	0.012049	not DE	not DE
EVM0011913	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009073	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010457	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002723	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006359	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022684	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004653	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005133	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021777	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015941	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009172	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002935	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023541	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009819	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021010	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016754	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016461	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024649	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014707	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023886	LG13	hypothetical protein CICLE_v1	1.368742	0.001464	not DE	not DE
EVM0009945	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017493	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017992	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013091	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014717	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011389	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012491	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009470	LG13	hypothetical protein CICLE_v1	-1.34317	6.87E-05	not DE	not DE
EVM0003694	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017522	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013145	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020613	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013250	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022500	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0018630	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009389	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003208	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001656	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002654	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011585	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015378	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022049	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000533	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008374	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012613	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022606	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007440	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011453	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007637	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017415	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023616	LG13	hypothetical protein CICLE_v1	1.535191	0.00325	not DE	not DE
EVM0012611	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012944	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016808	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010251	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024090	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007876	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014464	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016358	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005852	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013327	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011127	LG13	hypothetical protein CICLE_v1	not DE	not DE	-2.312	0.00891
EVM0014540	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021232	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008321	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014487	LG13	hypothetical protein CICLE_v1	-1.27224	0.023678	not DE	not DE
EVM0023225	LG13	hypothetical protein CICLE_v1	1.371056	0.036692	not DE	not DE
EVM0000910	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000684	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015338	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012006	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015844	LG13	hypothetical protein CICLE_v1	-1.31794	0.022748	not DE	not DE
EVM0011679	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021330	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003067	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018719	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024573	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023483	LG13	hypothetical protein CICLE_v1	1.283543	0.010142	not DE	not DE
EVM0016804	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021983	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010241	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005656	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002921	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004049	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009095	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012939	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007814	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010498	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0004291	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018202	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019008	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014988	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003632	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012179	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011632	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017029	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018454	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013723	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001108	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016456	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000770	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011728	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016904	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005660	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012558	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009455	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019191	LG13	hypothetical protein CICLE_v1	-4.5701	0.000308	not DE	not DE
EVM0023810	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008287	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002280	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007090	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015654	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000104	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017171	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017744	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019186	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024272	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023552	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006296	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003218	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015201	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014497	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016719	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011243	LG13	hypothetical protein CICLE_v1	4.858609	0.004253	not DE	not DE
EVM0003557	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005704	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002313	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018279	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021733	LG13	hypothetical protein CICLE_v1	3.339979	8.09E-06	not DE	not DE
EVM0007277	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016985	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016482	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004156	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011360	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004343	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017898	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021356	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008038	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012581	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018940	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014449	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001114	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0012200	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013530	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015994	LG13	hypothetical protein CICLE_v1	-1.06197	0.005805	not DE	not DE
EVM0001646	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006726	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012839	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017225	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000152	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006552	LG13	hypothetical protein CICLE_v1	-1.37227	0.023003	not DE	not DE
EVM0021028	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005294	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006146	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021101	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009045	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002379	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017479	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011973	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012217	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012283	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021400	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021556	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002840	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019753	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019797	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008240	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012570	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023177	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014257	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015786	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023408	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021740	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017503	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001965	LG13	hypothetical protein CICLE_v1	not DE	not DE	1.339562	0.00026
EVM0015069	LG13	hypothetical protein CICLE_v1	2.97684	0.031508	not DE	not DE
EVM0017288	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004038	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006404	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007370	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015668	LG13	hypothetical protein CICLE_v1	not DE	not DE	1.002294	#####
EVM0005870	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010032	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022706	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010550	LG13	hypothetical protein CICLE_v1	1.591178	0.029557	not DE	not DE
EVM0001129	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002138	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004383	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004931	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017296	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003172	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013045	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012091	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005695	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004183	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007001	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0012246	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008802	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009350	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006343	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022702	LG13	hypothetical protein CICLE_v1	not DE	not DE	1.299427	#####
EVM0006832	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014907	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006864	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022968	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019977	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005587	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005310	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001494	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003750	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017713	LG13	hypothetical protein CICLE_v1	not DE	not DE	1.019942	#####
EVM0015907	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015716	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000233	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015877	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004124	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010056	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015528	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006470	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007973	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014854	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018113	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011055	LG13	hypothetical protein CICLE_v1	2.949672	2.03E-05	1.493642	0.00861
EVM0002703	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020820	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024528	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010704	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004029	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016947	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004407	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012197	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024198	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013947	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014759	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003813	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017667	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014853	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024177	LG13	hypothetical protein CICLE_v1	2.169471	0.033435	not DE	not DE
EVM0005432	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022384	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001447	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020941	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021414	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020252	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018149	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018836	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002587	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021297	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017148	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020179	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0003757	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008409	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014847	LG13	hypothetical protein CICLE_v1	not DE	not DE	1.934583	0.01692
EVM0014377	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024422	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004978	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023785	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021641	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008071	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013637	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014914	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008573	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011630	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022244	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010751	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014421	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000374	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001638	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008050	LG13	hypothetical protein CICLE_v1	5.212588	1.09E-18	not DE	not DE
EVM0014067	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018440	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018390	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010511	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013435	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000090	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010726	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004113	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006178	LG13	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015688	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016059	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007785	LG13	hypothetical protein CISIN_1g	1.621001	0.040962	not DE	not DE
EVM0020869	LG13	hypothetical protein CISIN_1g	not DE	not DE	-1.11291	#####
EVM0007093	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007543	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020154	LG13	hypothetical protein CISIN_1g	not DE	not DE	-1.05911	0.04492
EVM0015681	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005895	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020995	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005863	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008710	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008671	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000671	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017211	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005845	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008887	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021708	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000502	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000226	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000148	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020310	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011162	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017962	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020366	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014929	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0008516	LG13	hypothetical protein CISIN_1g	-1.5444	0.045128	not DE	not DE
EVM0016154	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000184	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020047	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010196	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011916	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011673	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004589	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018187	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001553	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004865	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009023	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017066	LG13	hypothetical protein CISIN_1g	-1.43032	0.02994	not DE	not DE
EVM0001859	LG13	hypothetical protein CISIN_1g	2.175461	0.02489	not DE	not DE
EVM0020275	LG13	hypothetical protein CISIN_1g	1.010365	0.006476	not DE	not DE
EVM0022296	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001540	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011421	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014647	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010369	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019041	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009289	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019966	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012855	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011980	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020449	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002558	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022784	LG13	hypothetical protein CISIN_1g	2.064601	0.000136	not DE	not DE
EVM0005867	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023403	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017552	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001683	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015381	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011791	LG13	hypothetical protein CISIN_1g	-1.08801	0.021066	not DE	not DE
EVM0011099	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008655	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020529	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013593	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023742	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004838	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023140	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002664	LG13	hypothetical protein CISIN_1g	5.664138	1.96E-10	not DE	not DE
EVM0004507	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010139	LG13	hypothetical protein CISIN_1g	5.84132	2.45E-06	not DE	not DE
EVM0013544	LG13	hypothetical protein CISIN_1g	3.131239	0.005943	not DE	not DE
EVM0013664	LG13	hypothetical protein CISIN_1g	1.765325	0.015634	not DE	not DE
EVM0013826	LG13	hypothetical protein CISIN_1g	4.825577	7.75E-11	not DE	not DE
EVM0014702	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022919	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024115	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015235	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008446	LG13	hypothetical protein CISIN_1g	1.942902	0.006905	not DE	not DE
EVM0001811	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024394	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE





EVM0021693	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005638	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016971	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005286	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018029	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000852	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018828	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024182	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008372	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016626	LG13	hypothetical protein CISIN_1g	-1.25584	2.07E-07	not DE	not DE
EVM0004571	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018253	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011842	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022627	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021881	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019604	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020717	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003138	LG13	hypothetical protein CISIN_1g	-1.90849	8.62E-06	not DE	not DE
EVM0001484	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011653	LG13	hypothetical protein CISIN_1g	6.219068	1.65E-12	not DE	not DE
EVM0011736	LG13	hypothetical protein CISIN_1g	7.446715	1.65E-12	not DE	not DE
EVM0011296	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009325	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013126	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014357	LG13	hypothetical protein CISIN_1g	4.847695	0.002461	not DE	not DE
EVM0011534	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001823	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008520	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011917	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015820	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012166	LG13	hypothetical protein CISIN_1g	2.133349	0.023292	not DE	not DE
EVM0016184	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019255	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000165	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004187	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001512	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010738	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017914	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004154	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021146	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014443	LG13	hypothetical protein CISIN_1g	1.359286	9.57E-06	not DE	not DE
EVM0010669	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017853	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019485	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009050	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003907	LG13	hypothetical protein CISIN_1g	not DE	not DE	1.41067	#####
EVM0022623	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011920	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015030	LG13	hypothetical protein CISIN_1g	not DE	not DE	3.834801	0.01775
EVM0020145	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003132	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006457	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000081	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023317	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0001995	LG13	hypothetical protein CISIN_1g	3.139446	0.005054	not DE	not DE
EVM0005315	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005477	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002530	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013384	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024262	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003549	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021675	LG13	hypothetical protein CISIN_1g	1.626022	6.08E-09	not DE	not DE
EVM0014615	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021322	LG13	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000971	LG13	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0016112	LG13	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0016786	LG13	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0004986	LG13	hypothetical protein EUTSA_vl	not DE	not DE	not DE	not DE
EVM0022464	LG13	hypothetical protein F383_097	not DE	not DE	not DE	not DE
EVM0011030	LG13	hypothetical protein F383_182	not DE	not DE	not DE	not DE
EVM0015090	LG13	hypothetical protein F383_344	not DE	not DE	not DE	not DE
EVM0011283	LG13	hypothetical protein JCGZ_003	not DE	not DE	not DE	not DE
EVM0003561	LG13	hypothetical protein JCGZ_004	-3.45745	7.17E-15	not DE	not DE
EVM0004626	LG13	hypothetical protein JCGZ_004	not DE	not DE	not DE	not DE
EVM0002437	LG13	hypothetical protein JCGZ_004	not DE	not DE	not DE	not DE
EVM0014824	LG13	hypothetical protein JCGZ_005	not DE	not DE	not DE	not DE
EVM0015286	LG13	hypothetical protein JCGZ_030	not DE	not DE	not DE	not DE
EVM0009212	LG13	hypothetical protein JCGZ_062	-1.43229	1.39E-05	not DE	not DE
EVM0004219	LG13	hypothetical protein JCGZ_067	not DE	not DE	not DE	not DE
EVM0023267	LG13	hypothetical protein JCGZ_067	not DE	not DE	not DE	not DE
EVM0010141	LG13	hypothetical protein JCGZ_087	not DE	not DE	not DE	not DE
EVM0001802	LG13	hypothetical protein JCGZ_088	not DE	not DE	not DE	not DE
EVM0013623	LG13	hypothetical protein JCGZ_088	not DE	not DE	not DE	not DE
EVM0000160	LG13	hypothetical protein JCGZ_090	not DE	not DE	-2.56446	0.00135
EVM0024077	LG13	hypothetical protein JCGZ_091	not DE	not DE	not DE	not DE
EVM0021722	LG13	hypothetical protein JCGZ_096	not DE	not DE	not DE	not DE
EVM0004929	LG13	hypothetical protein JCGZ_096	not DE	not DE	not DE	not DE
EVM0023154	LG13	hypothetical protein JCGZ_107	not DE	not DE	not DE	not DE
EVM0022942	LG13	hypothetical protein JCGZ_126	not DE	not DE	not DE	not DE
EVM0020160	LG13	hypothetical protein JCGZ_129	not DE	not DE	not DE	not DE
EVM0009480	LG13	hypothetical protein JCGZ_133	not DE	not DE	not DE	not DE
EVM0014587	LG13	hypothetical protein JCGZ_165	not DE	not DE	not DE	not DE
EVM0021857	LG13	hypothetical protein JCGZ_165	not DE	not DE	not DE	not DE
EVM0019421	LG13	hypothetical protein JCGZ_165	-2.60435	0.033681	-1.40763	#####
EVM0021343	LG13	hypothetical protein JCGZ_166	not DE	not DE	not DE	not DE
EVM0014901	LG13	hypothetical protein JCGZ_166	not DE	not DE	not DE	not DE
EVM0008124	LG13	hypothetical protein JCGZ_186	not DE	not DE	not DE	not DE
EVM0008728	LG13	hypothetical protein JCGZ_186	not DE	not DE	not DE	not DE
EVM0008252	LG13	hypothetical protein JCGZ_198	not DE	not DE	not DE	not DE
EVM0005819	LG13	hypothetical protein JCGZ_198	not DE	not DE	not DE	not DE
EVM0009752	LG13	hypothetical protein JCGZ_198	not DE	not DE	not DE	not DE
EVM0018450	LG13	hypothetical protein JCGZ_198	not DE	not DE	-1.84887	0.00426
EVM0020671	LG13	hypothetical protein JCGZ_199	not DE	not DE	not DE	not DE
EVM0011147	LG13	hypothetical protein JCGZ_222	not DE	not DE	not DE	not DE
EVM0003507	LG13	hypothetical protein JCGZ_236	1.496018	0.001998	1.643288	#####
EVM0016433	LG13	hypothetical protein JCGZ_236	not DE	not DE	not DE	not DE
EVM0013055	LG13	hypothetical protein JCGZ_236	not DE	not DE	not DE	not DE
EVM0017644	LG13	hypothetical protein JCGZ_236	not DE	not DE	not DE	not DE

EVM0010041	LG13	hypothetical protein JCGZ_251	not DE	not DE	not DE	not DE
EVM0010884	LG13	hypothetical protein JCGZ_255	-3.10835	7.07E-11	-1.85092	#####
EVM0006022	LG13	hypothetical protein JCGZ_255	not DE	not DE	not DE	not DE
EVM0012125	LG13	hypothetical protein JCGZ_256	not DE	not DE	not DE	not DE
EVM0011108	LG13	hypothetical protein JCGZ_256	not DE	not DE	not DE	not DE
EVM0008988	LG13	hypothetical protein JCGZ_267	not DE	not DE	1.016584	0.00013
EVM0012644	LG13	hypothetical protein L484_001	not DE	not DE	not DE	not DE
EVM0016271	LG13	hypothetical protein L484_002	not DE	not DE	not DE	not DE
EVM0018552	LG13	hypothetical protein L484_022	not DE	not DE	1.066963	#####
EVM0000619	LG13	hypothetical protein L484_024	not DE	not DE	not DE	not DE
EVM0016914	LG13	hypothetical protein MIMGU_mg	not DE	not DE	1.189995	0.0017
EVM0001328	LG13	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0017512	LG13	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0005629	LG13	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0004860	LG13	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006738	LG13	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020643	LG13	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002250	LG13	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0011314	LG13	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0016440	LG13	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0024041	LG13	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0021863	LG13	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0008199	LG13	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010014	LG13	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0021609	LG13	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023233	LG13	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0011997	LG13	hypothetical protein POPTR_00	not DE	not DE	1.449233	#####
EVM0001332	LG13	hypothetical protein POPTR_00	6.800394	1.51E-08	not DE	not DE
EVM0000504	LG13	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019653	LG13	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0022162	LG13	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006369	LG13	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0008756	LG13	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0012745	LG13	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0016241	LG13	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019668	LG13	hypothetical protein PRUPE_pp	not DE	not DE	-1.47982	0.00047
EVM0001231	LG13	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0006519	LG13	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0000169	LG13	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0011212	LG13	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0009787	LG13	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0022182	LG13	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0009110	LG13	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0008685	LG13	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0015775	LG13	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0018570	LG13	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0003278	LG13	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0015973	LG13	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0001972	LG13	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0015635	LG13	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0023432	LG13	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0003471	LG13	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0012873	LG13	hypothetical protein RCOM_058	not DE	not DE	not DE	not DE
EVM0010413	LG13	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE

EVM0002809	LG13	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0014659	LG13	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0016619	LG13	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0002264	LG13	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0021125	LG13	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0021516	LG13	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0015150	LG13	hypothetical protein VITISV_0	-1.2481	0.008275	not DE	not DE
EVM0009345	LG13	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0004767	LG13	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0018117	LG13	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0005193	LG13	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0018984	LG13	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0021808	LG13	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0022317	LG13	hypothetical protein VITISV_0	2.31163	0.001571	not DE	not DE
EVM0014457	LG13	hypothetical protein ZEAMMB73	not DE	not DE	not DE	not DE
EVM0019839	LG13	kinase family protein	not DE	not DE	not DE	not DE
EVM0012031	LG13	laccase 7	not DE	not DE	not DE	not DE
EVM0001488	LG13	light-inducible protein atls1	-2.05437	0.000457	not DE	not DE
EVM0022355	LG13	lipid transfer protein	not DE	not DE	not DE	not DE
EVM0004211	LG13	maturase	not DE	not DE	not DE	not DE
EVM0019554	LG13	multidrug resistance protein	not DE	not DE	not DE	not DE
EVM0022891	LG13	multidrug resistance protein	1.465035	0.001915	not DE	not DE
EVM0001136	LG13	nucleic acid binding protein,	-2.23468	0.026427	not DE	not DE
EVM0009813	LG13	pectinesterase family protein	not DE	not DE	not DE	not DE
EVM0024338	LG13	phenylalanine ammonia-lyase	not DE	not DE	not DE	not DE
EVM0014343	LG13	photosystem II protein V	not DE	not DE	not DE	not DE
EVM0023830	LG13	plastocyanin-like domain-cont	not DE	not DE	not DE	not DE
EVM0000864	LG13	polyubiquitin (ubq10)	not DE	not DE	not DE	not DE
EVM0018380	LG13	putative auxin influx carrier	not DE	not DE	not DE	not DE
EVM0000789	LG13	putative cadmium-transporting	not DE	not DE	2.464255	0.00568
EVM0009965	LG13	putative chorismate mutase	not DE	not DE	not DE	not DE
EVM0007150	LG13	putative pectate lyase 7	not DE	not DE	not DE	not DE
EVM0016893	LG13	putative sodium-coupled neutri	not DE	not DE	not DE	not DE
EVM0017083	LG13	retrotransposon protein, puta	not DE	not DE	not DE	not DE
EVM0010976	LG13	serine carboxypeptidase S10 f	not DE	not DE	-1.38872	0.00042
EVM0019833	LG13	small nuclear ribonucleoprote	not DE	not DE	not DE	not DE
EVM0010821	LG13	srpk, putative	not DE	not DE	not DE	not DE
EVM0008915	LG13	subtilisin inhibitor 1, putat	not DE	not DE	not DE	not DE
EVM0001295	LG13	subtilisin-like serine protea	not DE	not DE	not DE	not DE
EVM0000156	LG13	transcription factor, putativ	not DE	not DE	not DE	not DE
EVM0005761	LG13	ubiquitin	not DE	not DE	not DE	not DE
EVM0010835	LG13	ubiquitin-conjugating enzyme	not DE	not DE	not DE	not DE
EVM0000378	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0002395	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0002784	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0003099	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0005076	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0005535	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0005555	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0006239	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0007124	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0008367	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0010400	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0010717	LG13	unknown protein	not DE	not DE	not DE	not DE

EVM0010767	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0011288	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0011403	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0012139	LG13	unknown protein	2.258721	0.001342	not DE	not DE
EVM0012466	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0013125	LG13	unknown protein	5.39243	0.001004	not DE	not DE
EVM0014408	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0014489	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0014639	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0014940	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0015479	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0015538	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0015914	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0016286	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0020292	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0021785	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0023232	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0023328	LG13	unknown protein	not DE	not DE	not DE	not DE
EVM0000102	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0003110	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0003354	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0004118	LG13	unnamed protein product	-4.01595	0.000749	not DE	not DE
EVM0004847	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0005853	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0007408	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0008886	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0009557	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0009991	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0010744	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0012533	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0013078	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0014633	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0015077	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0016124	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0016520	LG13	unnamed protein product	not DE	not DE	1.306094	0.00176
EVM0017468	LG13	unnamed protein product	not DE	not DE	-1.12442	0.00022
EVM0017960	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0018605	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0018973	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0019700	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0020523	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0021215	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0021460	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0022882	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0024142	LG13	unnamed protein product	not DE	not DE	not DE	not DE
EVM0019313	LG13	zinc finger protein, putative	not DE	not DE	not DE	not DE
EVM0011253	LG13	zinc/iron transporter, putative	not DE	not DE	1.033925	0.00608
EVM0018388	LG13	zinc/iron transporter, putative	not DE	not DE	not DE	not DE
EVM0000628	LG14	(-)-germacrene D synthase-like	not DE	not DE	not DE	not DE
EVM0001066	LG14	(-)-germacrene D synthase-like	not DE	not DE	not DE	not DE
EVM0002724	LG14	(-)-germacrene D synthase-like	not DE	not DE	not DE	not DE
EVM0003806	LG14	(-)-germacrene D synthase-like	not DE	not DE	not DE	not DE
EVM0008118	LG14	(-)-germacrene D synthase-like	not DE	not DE	not DE	not DE
EVM0011126	LG14	(-)-germacrene D synthase-like	not DE	not DE	not DE	not DE

EVM0011613	LG14	(-)-germacrene D synthase-li	not DE	not DE	not DE	not DE
EVM0013749	LG14	(-)-germacrene D synthase-li	not DE	not DE	not DE	not DE
EVM0015763	LG14	(-)-germacrene D synthase-li	not DE	not DE	not DE	not DE
EVM0000013	LG14	11-oxo-beta-amyrin 30-oxidas	not DE	not DE	not DE	not DE
EVM0023753	LG14	11-oxo-beta-amyrin 30-oxidas	not DE	not DE	not DE	not DE
EVM0011496	LG14	26S proteasome non-ATPase re	not DE	not DE	not DE	not DE
EVM0024008	LG14	3-phosphoshikimate 1-carboxy	not DE	not DE	not DE	not DE
EVM0014218	LG14	40S ribosomal protein S2-3-l	not DE	not DE	not DE	not DE
EVM0006508	LG14	50S ribosomal protein L13, c	not DE	not DE	not DE	not DE
EVM0009929	LG14	54S ribosomal protein L39, m	not DE	not DE	not DE	not DE
EVM0013464	LG14	60S acidic ribosomal protein	not DE	not DE	not DE	not DE
EVM0014009	LG14	60S ribosomal protein L18a-2	not DE	not DE	not DE	not DE
EVM0022229	LG14	60S ribosomal protein L9-lik	not DE	not DE	not DE	not DE
EVM0003103	LG14	ABC transporter C family mem	not DE	not DE	not DE	not DE
EVM0006110	LG14	ABC transporter C family mem	not DE	not DE	not DE	not DE
EVM0008937	LG14	ABC transporter C family mem	not DE	not DE	-1.64103	0.04032
EVM0009092	LG14	ABC transporter G family mem	not DE	not DE	not DE	not DE
EVM0002003	LG14	ABC transporter G family mem	not DE	not DE	not DE	not DE
EVM0019557	LG14	AP-5 complex subunit zeta-1-	not DE	not DE	not DE	not DE
EVM0021445	LG14	ATP synthase gamma chain, ch	not DE	not DE	not DE	not DE
EVM0014498	LG14	ATP-dependent DNA helicase 2	not DE	not DE	not DE	not DE
EVM0005217	LG14	BES1/BZR1 homolog protein 4-	not DE	not DE	not DE	not DE
EVM0014409	LG14	BTB/POZ domain-containing pr	not DE	not DE	not DE	not DE
EVM0021649	LG14	C2 domain-containing protein	not DE	not DE	not DE	not DE
EVM0012011	LG14	DDR GK domain-containing prot	not DE	not DE	not DE	not DE
EVM0014836	LG14	DNA mismatch repair protein	not DE	not DE	not DE	not DE
EVM0020324	LG14	DNA polymerase zeta processi	not DE	not DE	not DE	not DE
EVM0013691	LG14	DNA repair protein recA hom	not DE	not DE	not DE	not DE
EVM0022430	LG14	DNA topoisomerase 1-like isc	not DE	not DE	not DE	not DE
EVM0002826	LG14	DNA-binding protein BIN4-lik	not DE	not DE	not DE	not DE
EVM0013739	LG14	E3 SUMO-protein ligase MMS21	not DE	not DE	not DE	not DE
EVM0016408	LG14	E3 ubiquitin-protein ligase	1.635295	0.001419	not DE	not DE
EVM0010979	LG14	F-box/LRR-repeat protein At3	not DE	not DE	not DE	not DE
EVM0016098	LG14	F-box/LRR-repeat protein At3	not DE	not DE	not DE	not DE
EVM0016111	LG14	F-box/kelch-repeat protein A	not DE	not DE	not DE	not DE
EVM0010431	LG14	FHA domain-containing protei	not DE	not DE	not DE	not DE
EVM0009841	LG14	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0012689	LG14	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0007896	LG14	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0023647	LG14	GPI-anchored protein LORELEI	not DE	not DE	not DE	not DE
EVM0002232	LG14	KH domain-containing protein	not DE	not DE	not DE	not DE
EVM0000837	LG14	LOW QUALITY PROTEIN: salutar	not DE	not DE	not DE	not DE
EVM0005538	LG14	LOW QUALITY PROTEIN: unchara	not DE	not DE	not DE	not DE
EVM0019674	LG14	LRR receptor-like serine/thr	not DE	not DE	not DE	not DE
EVM0006805	LG14	MADS-box transcription facto	not DE	not DE	not DE	not DE
EVM0015761	LG14	NAC domain-containing protei	not DE	not DE	not DE	not DE
EVM0005590	LG14	NAD-dependent protein deacet	-1.33853	0.008802	-1.03974	0.04742
EVM0013906	LG14	PAP-specific phosphatase HAL	not DE	not DE	not DE	not DE
EVM0000536	LG14	PP2A regulatory subunit TAP4	not DE	not DE	not DE	not DE
EVM0000280	LG14	PRA1 family protein H-like	not DE	not DE	not DE	not DE
EVM0003502	LG14	RING finger protein 148-like	not DE	not DE	not DE	not DE
EVM0010544	LG14	RING finger protein 148-like	not DE	not DE	not DE	not DE
EVM0016218	LG14	RING finger protein 148-like	not DE	not DE	not DE	not DE
EVM0023791	LG14	RING finger protein 148-like	not DE	not DE	not DE	not DE

EVM0024087	LG14	RING finger protein 148-like	not DE	not DE	not DE	not DE
EVM0015407	LG14	RNA polymerase II degradatio	not DE	not DE	not DE	not DE
EVM0020735	LG14	TPR repeat-containing thiore	not DE	not DE	not DE	not DE
EVM0023048	LG14	UBP1-associated protein 2C	not DE	not DE	not DE	not DE
EVM0009150	LG14	UDP-glycosyltransferase 83A	not DE	not DE	not DE	not DE
EVM0006820	LG14	UNC93-like protein 1	not DE	not DE	-3.19575	#####
EVM0003262	LG14	V-type proton ATPase subunit	not DE	not DE	not DE	not DE
EVM0006490	LG14	WAT1-related protein Atlg093	not DE	not DE	not DE	not DE
EVM0013854	LG14	WD repeat-containing protein	not DE	not DE	not DE	not DE
EVM0023497	LG14	WD repeat-containing protein	not DE	not DE	not DE	not DE
EVM0001091	LG14	WD repeat-containing protein	not DE	not DE	not DE	not DE
EVM0018331	LG14	WD repeat-containing protein	not DE	not DE	not DE	not DE
EVM0022134	LG14	WD repeat-containing protein	not DE	not DE	not DE	not DE
EVM0001862	LG14	actin cytoskeleton-regulator	not DE	not DE	not DE	not DE
EVM0011982	LG14	ankyrin repeat-containing pr	not DE	not DE	not DE	not DE
EVM0007322	LG14	ankyrin repeat-containing pr	not DE	not DE	not DE	not DE
EVM0017354	LG14	ankyrin repeat-containing pr	not DE	not DE	not DE	not DE
EVM0021901	LG14	ankyrin-3-like	not DE	not DE	not DE	not DE
EVM0000123	LG14	aspartic proteinase CDR1-lik	not DE	not DE	not DE	not DE
EVM0000681	LG14	aspartic proteinase CDR1-lik	not DE	not DE	not DE	not DE
EVM0004660	LG14	aspartic proteinase CDR1-lik	not DE	not DE	not DE	not DE
EVM0020780	LG14	aspartic proteinase CDR1-lik	not DE	not DE	not DE	not DE
EVM0023399	LG14	aspartic proteinase CDR1-lik	not DE	not DE	not DE	not DE
EVM0007248	LG14	aspartic proteinase nepenthe	not DE	not DE	not DE	not DE
EVM0007938	LG14	aspartic proteinase nepenthe	not DE	not DE	not DE	not DE
EVM0020469	LG14	aspartic proteinase nepenthe	not DE	not DE	not DE	not DE
EVM0008090	LG14	brassinosteroid LRR receptor	not DE	not DE	not DE	not DE
EVM0016364	LG14	brassinosteroid LRR receptor	not DE	not DE	not DE	not DE
EVM0021039	LG14	brassinosteroid LRR receptor	not DE	not DE	not DE	not DE
EVM0023549	LG14	brassinosteroid LRR receptor	not DE	not DE	not DE	not DE
EVM0009610	LG14	calcineurin B-like protein 3	not DE	not DE	not DE	not DE
EVM0019880	LG14	calcineurin B-like protein 7	not DE	not DE	not DE	not DE
EVM0005948	LG14	casbene synthase, chloroplas	not DE	not DE	not DE	not DE
EVM0008225	LG14	casbene synthase, chloroplas	not DE	not DE	not DE	not DE
EVM0010352	LG14	casbene synthase, chloroplas	not DE	not DE	not DE	not DE
EVM0011638	LG14	casbene synthase, chloroplas	not DE	not DE	not DE	not DE
EVM0018781	LG14	casbene synthase, chloroplas	not DE	not DE	not DE	not DE
EVM0008065	LG14	cellulose synthase-like prot	not DE	not DE	not DE	not DE
EVM0011462	LG14	cellulose synthase-like prot	not DE	not DE	not DE	not DE
EVM0021097	LG14	cellulose synthase-like prot	not DE	not DE	not DE	not DE
EVM0020966	LG14	chaperone protein dnaJ 11, c	not DE	not DE	not DE	not DE
EVM0006958	LG14	cleavage and polyadenylation	not DE	not DE	not DE	not DE
EVM0012664	LG14	coiled-coil domain-containing	not DE	not DE	not DE	not DE
EVM0005120	LG14	condensin complex subunit 2-	not DE	not DE	not DE	not DE
EVM0007049	LG14	cysteine synthase 2-like isc	not DE	not DE	not DE	not DE
EVM0008376	LG14	cytochrome P450 71D11-like	not DE	not DE	not DE	not DE
EVM0014217	LG14	cytochrome P450 71D11-like i	not DE	not DE	not DE	not DE
EVM0007735	LG14	cytochrome P450 71D9-like	not DE	not DE	not DE	not DE
EVM0011857	LG14	cytochrome P450 71D9-like	not DE	not DE	not DE	not DE
EVM0014750	LG14	cytochrome P450 71D9-like	not DE	not DE	not DE	not DE
EVM0019926	LG14	cytochrome P450 71D9-like	not DE	not DE	not DE	not DE
EVM0022603	LG14	cytochrome P450 71D9-like	-1.91498	0.031508	not DE	not DE
EVM0006948	LG14	cytochrome c oxidase assembl	not DE	not DE	not DE	not DE
EVM0004342	LG14	cytochrome c-type biogenesis	not DE	not DE	not DE	not DE

EVM0016734	LG14	diaminopimelate epimerase, cy	not DE	not DE	not DE	not DE
EVM0008100	LG14	dihydrolipoyllysine-residue	not DE	not DE	not DE	not DE
EVM0007782	LG14	disease resistance protein A	not DE	not DE	not DE	not DE
EVM0008523	LG14	dof zinc finger protein DOF4	not DE	not DE	not DE	not DE
EVM0005840	LG14	double-strand break repair p	not DE	not DE	not DE	not DE
EVM0017864	LG14	dynein light chain 2, cytopl	not DE	not DE	not DE	not DE
EVM0011311	LG14	epidermis-specific secreted	not DE	not DE	-3.38815	0.00624
EVM0013669	LG14	epidermis-specific secreted	not DE	not DE	-1.81244	0.04145
EVM0018965	LG14	fructose-bisphosphate aldola	-2.26154	0.03528	not DE	not DE
EVM0000792	LG14	germacrene-D synthase-like	not DE	not DE	not DE	not DE
EVM0014806	LG14	glucose-6-phosphate/phosphat	not DE	not DE	not DE	not DE
EVM0022063	LG14	glutamate receptor 2.5-like	not DE	not DE	not DE	not DE
EVM0012034	LG14	glutamate receptor 2.7-like	not DE	not DE	not DE	not DE
EVM0001547	LG14	glutathione S-transferase U1	1.097227	0.010894	not DE	not DE
EVM0006281	LG14	glutathione S-transferase U1	2.760046	7.42E-05	1.87995	0.00047
EVM0019155	LG14	glutathione S-transferase U1	not DE	not DE	not DE	not DE
EVM0009695	LG14	glycine-rich RNA-binding pro	not DE	not DE	not DE	not DE
EVM0020167	LG14	glycine-rich RNA-binding pro	not DE	not DE	not DE	not DE
EVM0022995	LG14	glycine-rich RNA-binding pro	not DE	not DE	not DE	not DE
EVM0009889	LG14	grpE protein homolog, mitoch	not DE	not DE	not DE	not DE
EVM0012067	LG14	heat shock protein 90-2	-1.31739	0.013418	-1.64893	#####
EVM0018451	LG14	heme-binding protein 2-like	not DE	not DE	not DE	not DE
EVM0013376	LG14	heterogeneous nuclear ribonu	not DE	not DE	not DE	not DE
EVM0020053	LG14	histone-lysine N-methyltrans	not DE	not DE	not DE	not DE
EVM0022306	LG14	histone-lysine N-methyltrans	not DE	not DE	not DE	not DE
EVM0015591	LG14	homeobox-leucine zipper prot	not DE	not DE	not DE	not DE
EVM0015229	LG14	homogentisate 1,2-dioxygenas	not DE	not DE	not DE	not DE
EVM0021540	LG14	homogentisate 1,2-dioxygenas	not DE	not DE	not DE	not DE
EVM0014919	LG14	indole-3-acetate O-methyltra	not DE	not DE	not DE	not DE
EVM0009905	LG14	inner centromere protein-lik	not DE	not DE	not DE	not DE
EVM0020139	LG14	inner centromere protein-lik	not DE	not DE	not DE	not DE
EVM0010745	LG14	interactor of constitutive a	not DE	not DE	not DE	not DE
EVM0013333	LG14	kinesin-3-like isoform X1	not DE	not DE	not DE	not DE
EVM0010519	LG14	kinesin-like protein KIFC3-l	not DE	not DE	not DE	not DE
EVM0010711	LG14	kinesin-like protein KIFC3-l	not DE	not DE	not DE	not DE
EVM0020641	LG14	kinesin-like protein KIN12B-	not DE	not DE	not DE	not DE
EVM0019725	LG14	leucine-rich repeat extensin	not DE	not DE	not DE	not DE
EVM0005702	LG14	leucine-rich repeat receptor	not DE	not DE	not DE	not DE
EVM0003283	LG14	luminal-binding protein 5	-2.56918	0.002797	-3.43565	#####
EVM0018862	LG14	malate dehydrogenase, mitoch	not DE	not DE	not DE	not DE
EVM0015473	LG14	mechanosensitive ion channel	not DE	not DE	not DE	not DE
EVM0017881	LG14	metal-nicotianamine transpor	-2.34852	4.01E-07	not DE	not DE
EVM0020505	LG14	microtubule-associated prote	not DE	not DE	not DE	not DE
EVM0012592	LG14	mitochondrial import inner m	not DE	not DE	not DE	not DE
EVM0024503	LG14	mitogen-activated protein kin	not DE	not DE	not DE	not DE
EVM0009977	LG14	multi-protein-bridging factor	not DE	not DE	not DE	not DE
EVM0016592	LG14	myb-related protein 330-like	not DE	not DE	not DE	not DE
EVM0014565	LG14	nascent polypeptide-associat	not DE	not DE	not DE	not DE
EVM0023979	LG14	nephrocystin-3-like	not DE	not DE	not DE	not DE
EVM0011252	LG14	obg-like ATPase 1-like isof	not DE	not DE	not DE	not DE
EVM0000161	LG14	oligopeptide transporter 1-l	not DE	not DE	not DE	not DE
EVM0003609	LG14	oligopeptide transporter 1-l	not DE	not DE	not DE	not DE
EVM0007611	LG14	oligopeptide transporter 1-l	not DE	not DE	not DE	not DE
EVM0009156	LG14	oligopeptide transporter 1-l	not DE	not DE	not DE	not DE



EVM0016301	LG14	oligopeptide transporter 1-l	not DE	not DE	not DE	not DE
EVM0021827	LG14	oligopeptide transporter 1-l	not DE	not DE	not DE	not DE
EVM0023088	LG14	oligopeptide transporter 1-l	not DE	not DE	not DE	not DE
EVM0008746	LG14	organic cation/carnitine tran	not DE	not DE	not DE	not DE
EVM0000083	LG14	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0003248	LG14	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0006213	LG14	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0015541	LG14	pentatricopeptide repeat-con	2.502104	0.002418	not DE	not DE
EVM0018286	LG14	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0013870	LG14	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0014635	LG14	pentatricopeptide repeat-con	1.065995	0.027748	-1.32641	0.00469
EVM0021546	LG14	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0002295	LG14	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0000865	LG14	peptide-N4-(N-acetyl-beta-gl	not DE	not DE	not DE	not DE
EVM0009179	LG14	peptide-N4-(N-acetyl-beta-gl	not DE	not DE	not DE	not DE
EVM0019263	LG14	peptide-N4-(N-acetyl-beta-gl	not DE	not DE	not DE	not DE
EVM0011125	LG14	peptidyl-prolyl cis-trans is	not DE	not DE	not DE	not DE
EVM0023538	LG14	peptidyl-prolyl cis-trans is	not DE	not DE	1.209734	0.03509
EVM0016698	LG14	peroxisome biogenesis protei	not DE	not DE	not DE	not DE
EVM0000928	LG14	persulfide dioxygenase ETHE1	not DE	not DE	not DE	not DE
EVM0001486	LG14	persulfide dioxygenase ETHE1	not DE	not DE	not DE	not DE
EVM0016518	LG14	phosphatidate cytidyltrans	not DE	not DE	not DE	not DE
EVM0004246	LG14	phosphatidylinositol 4-kinas	not DE	not DE	not DE	not DE
EVM0002928	LG14	phosphoenolpyruvate carboxyl	not DE	not DE	not DE	not DE
EVM0014099	LG14	photosystem I reaction cente	-1.56928	0.005234	not DE	not DE
EVM0004313	LG14	photosystem II 10 kDa polype	not DE	not DE	1.888647	0.00811
EVM0014603	LG14	photosystem II 10 kDa polype	not DE	not DE	not DE	not DE
EVM0023332	LG14	pirin-like protein	not DE	not DE	not DE	not DE
EVM0002951	LG14	poly(A)-specific ribonucleas	not DE	not DE	not DE	not DE
EVM0011071	LG14	polycomb group protein FERTI	not DE	not DE	not DE	not DE
EVM0011153	LG14	polycomb group protein FERTI	not DE	not DE	not DE	not DE
EVM0015866	LG14	polynucleotide 3'&apos;-phosp	not DE	not DE	not DE	not DE
EVM0019540	LG14	polynucleotide 3'&apos;-phosp	not DE	not DE	not DE	not DE
EVM0008577	LG14	premnaspirodiene oxygenase-l	not DE	not DE	not DE	not DE
EVM0010335	LG14	premnaspirodiene oxygenase-l	not DE	not DE	not DE	not DE
EVM0012709	LG14	premnaspirodiene oxygenase-l	not DE	not DE	not DE	not DE
EVM0013934	LG14	premnaspirodiene oxygenase-l	not DE	not DE	not DE	not DE
EVM0007516	LG14	probable ADP-ribosylation fa	not DE	not DE	not DE	not DE
EVM0019020	LG14	probable BOI-related E3 ubiq	-2.6802	0.000495	not DE	not DE
EVM0015862	LG14	probable E3 ubiquitin-protein	not DE	not DE	not DE	not DE
EVM0014018	LG14	probable E3 ubiquitin-protein	not DE	not DE	not DE	not DE
EVM0000773	LG14	probable LRR receptor-like s	not DE	not DE	-1.2792	0.04655
EVM0019871	LG14	probable LRR receptor-like s	not DE	not DE	-1.15068	0.00315
EVM0016217	LG14	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0014306	LG14	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0008296	LG14	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0014166	LG14	probable WRKY transcription	not DE	not DE	not DE	not DE
EVM0017304	LG14	probable WRKY transcription	not DE	not DE	not DE	not DE
EVM0017597	LG14	probable amino acid permease	2.744063	0.015108	not DE	not DE
EVM0000011	LG14	probable calcium-binding pro	not DE	not DE	not DE	not DE
EVM0007204	LG14	probable disease resistance	not DE	not DE	not DE	not DE
EVM0020624	LG14	probable disease resistance	not DE	not DE	not DE	not DE
EVM0013085	LG14	probable galactinol--sucrose	1.802581	0.014785	not DE	not DE
EVM0008257	LG14	probable long-chain-alcohol	not DE	not DE	not DE	not DE

EVM0021409	LG14	probable protein phosphatase	not DE	not DE	not DE	not DE
EVM0014900	LG14	probable ribokinase-like	not DE	not DE	not DE	not DE
EVM0018604	LG14	probable ribosome biogenesis	not DE	not DE	not DE	not DE
EVM0023872	LG14	proline synthase co-transcri	not DE	not DE	not DE	not DE
EVM0016733	LG14	protein CUP-SHAPED COTYLEDON	not DE	not DE	not DE	not DE
EVM0009055	LG14	protein Iojap, chloroplastic	not DE	not DE	not DE	not DE
EVM0004471	LG14	protein LHCP TRANSLOCATION D	not DE	not DE	not DE	not DE
EVM0010412	LG14	protein NDR1-like	not DE	not DE	not DE	not DE
EVM0012906	LG14	protein NDR1-like	not DE	not DE	not DE	not DE
EVM0016442	LG14	protein NDR1-like	not DE	not DE	not DE	not DE
EVM0007803	LG14	protein ROOT PRIMORDIUM DEFE	not DE	not DE	not DE	not DE
EVM0023745	LG14	protein RRNAD1-like	not DE	not DE	not DE	not DE
EVM0016008	LG14	protein SPA1-RELATED 3-like	not DE	not DE	not DE	not DE
EVM0022028	LG14	protein YLS7-like	not DE	not DE	not DE	not DE
EVM0020231	LG14	protein YLS9	not DE	not DE	not DE	not DE
EVM0005810	LG14	protein kinase G11A-like iso	not DE	not DE	not DE	not DE
EVM0010815	LG14	protein kinase PVPK-1-like	not DE	not DE	not DE	not DE
EVM0008780	LG14	protein translation factor S	not DE	not DE	not DE	not DE
EVM0021099	LG14	protein translation factor S	not DE	not DE	not DE	not DE
EVM0016454	LG14	protein translation factor S	not DE	not DE	not DE	not DE
EVM0004769	LG14	protein transport protein Se	not DE	not DE	-1.44974	0.00616
EVM0018706	LG14	proteinaceous RNase P 1, chl	not DE	not DE	not DE	not DE
EVM0002774	LG14	putative F-box/FBD/LRR-repea	not DE	not DE	not DE	not DE
EVM0008557	LG14	putative F-box/FBD/LRR-repea	not DE	not DE	not DE	not DE
EVM0014632	LG14	putative F-box/FBD/LRR-repea	not DE	not DE	not DE	not DE
EVM0017823	LG14	putative F-box/FBD/LRR-repea	not DE	not DE	not DE	not DE
EVM0023667	LG14	putative F-box/FBD/LRR-repea	not DE	not DE	not DE	not DE
EVM0003537	LG14	putative F-box/LRR-repeat pr	not DE	not DE	not DE	not DE
EVM0023511	LG14	putative F-box/LRR-repeat pr	not DE	not DE	not DE	not DE
EVM0013511	LG14	putative F-box/LRR-repeat pr	not DE	not DE	not DE	not DE
EVM0015093	LG14	putative F-box/LRR-repeat pr	not DE	not DE	not DE	not DE
EVM0016102	LG14	putative RING-H2 finger prot	not DE	not DE	not DE	not DE
EVM0015092	LG14	putative beta-glucosidase 41	-1.19107	0.031978	not DE	not DE
EVM0010864	LG14	putative disease resistance	not DE	not DE	not DE	not DE
EVM0019221	LG14	putative disease resistance	not DE	not DE	not DE	not DE
EVM0002363	LG14	putative disease resistance	not DE	not DE	not DE	not DE
EVM0005128	LG14	putative disease resistance	not DE	not DE	not DE	not DE
EVM0007825	LG14	putative disease resistance	not DE	not DE	not DE	not DE
EVM0008751	LG14	putative disease resistance	not DE	not DE	-1.5183	0.00024
EVM0004593	LG14	putative disease resistance	not DE	not DE	not DE	not DE
EVM0009077	LG14	putative disease resistance	not DE	not DE	not DE	not DE
EVM0010192	LG14	putative disease resistance	not DE	not DE	not DE	not DE
EVM0022926	LG14	putative disease resistance	not DE	not DE	not DE	not DE
EVM0024058	LG14	putative disease resistance	not DE	not DE	not DE	not DE
EVM0002252	LG14	putative disease resistance	not DE	not DE	not DE	not DE
EVM0009287	LG14	putative disease resistance	not DE	not DE	not DE	not DE
EVM0015184	LG14	putative disease resistance	not DE	not DE	not DE	not DE
EVM0000201	LG14	putative disease resistance	not DE	not DE	not DE	not DE
EVM0004505	LG14	putative disease resistance	not DE	not DE	not DE	not DE
EVM0012255	LG14	putative disease resistance	not DE	not DE	not DE	not DE
EVM0016288	LG14	putative exosome complex com	not DE	not DE	not DE	not DE
EVM0017988	LG14	putative exosome complex com	not DE	not DE	not DE	not DE
EVM0002511	LG14	putative lipid-transfer prot	not DE	not DE	not DE	not DE
EVM0020473	LG14	putative peptide/nitrate tra	not DE	not DE	not DE	not DE

EVM0002999	LG14	putative wall-associated rec	not DE	not DE	not DE	not DE
EVM0015178	LG14	pyridoxal reductase, chlorop	not DE	not DE	not DE	not DE
EVM0006824	LG14	rab3 GTPase-activating prote	not DE	not DE	not DE	not DE
EVM0024565	LG14	rab3 GTPase-activating prote	not DE	not DE	not DE	not DE
EVM0002432	LG14	ran-binding protein 10-like	not DE	not DE	not DE	not DE
EVM0015302	LG14	ran-binding protein 10-like	not DE	not DE	not DE	not DE
EVM0013718	LG14	ras-related protein RAB1f-1	not DE	not DE	not DE	not DE
EVM0017348	LG14	ras-related protein RAB1f-1	not DE	not DE	not DE	not DE
EVM0002384	LG14	receptor-like protein 12-lik	not DE	not DE	not DE	not DE
EVM0016674	LG14	receptor-like protein 12-lik	not DE	not DE	not DE	not DE
EVM0017474	LG14	receptor-like protein 12-lik	not DE	not DE	not DE	not DE
EVM0021664	LG14	receptor-like protein 12-lik	not DE	not DE	not DE	not DE
EVM0006947	LG14	reticulon-4-interacting prot	not DE	not DE	not DE	not DE
EVM0014119	LG14	rhodanese-like domain-contain	not DE	not DE	not DE	not DE
EVM0024202	LG14	scarecrow-like protein 5-lik	not DE	not DE	not DE	not DE
EVM0000135	LG14	secologanin synthase-like	not DE	not DE	not DE	not DE
EVM0003167	LG14	secologanin synthase-like	not DE	not DE	not DE	not DE
EVM0010363	LG14	secologanin synthase-like	not DE	not DE	not DE	not DE
EVM0015722	LG14	septum-promoting GTP-binding	3.604045	0.002425	not DE	not DE
EVM0018358	LG14	serine/arginine-rich splicing	not DE	not DE	not DE	not DE
EVM0012088	LG14	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0024667	LG14	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0017787	LG14	sodium/hydrogen exchanger 4-	not DE	not DE	not DE	not DE
EVM0003787	LG14	splicing regulatory glutamin	not DE	not DE	not DE	not DE
EVM0017237	LG14	squalene monooxygenase	not DE	not DE	not DE	not DE
EVM0018674	LG14	squalene monooxygenase	not DE	not DE	not DE	not DE
EVM0000442	LG14	starch synthase 1, chloropl	not DE	not DE	not DE	not DE
EVM0002371	LG14	stem-specific protein TSJT1-	not DE	not DE	not DE	not DE
EVM0013209	LG14	stem-specific protein TSJT1-	not DE	not DE	not DE	not DE
EVM0004821	LG14	structural maintenance of ch	not DE	not DE	not DE	not DE
EVM0009191	LG14	sufE-like protein, chloropl	not DE	not DE	not DE	not DE
EVM0016940	LG14	suppressor protein SRP40-lik	not DE	not DE	not DE	not DE
EVM0019598	LG14	syntaxin-51-like	not DE	not DE	not DE	not DE
EVM0005977	LG14	tRNA dimethylallyltransferas	not DE	not DE	not DE	not DE
EVM0010591	LG14	thioredoxin M4, chloroplasti	not DE	not DE	not DE	not DE
EVM0019296	LG14	titin isoform X1	not DE	not DE	not DE	not DE
EVM0002253	LG14	transcription factor GTE4-li	not DE	not DE	not DE	not DE
EVM0004676	LG14	transcription factor ILR3	not DE	not DE	not DE	not DE
EVM0008990	LG14	translation initiation facto	not DE	not DE	not DE	not DE
EVM0014024	LG14	transmembrane emp24 domain-c	not DE	not DE	not DE	not DE
EVM0012816	LG14	transmembrane protein 184C-l	not DE	not DE	not DE	not DE
EVM0021331	LG14	ubiquitin carboxyl-terminal	not DE	not DE	not DE	not DE
EVM0014766	LG14	ubiquitin carboxyl-terminal	not DE	not DE	not DE	not DE
EVM0020484	LG14	uncharacterized WD repeat-co	not DE	not DE	not DE	not DE
EVM0013795	LG14	uncharacterized exonuclease	not DE	not DE	not DE	not DE
EVM0004087	LG14	uncharacterized membrane pro	not DE	not DE	not DE	not DE
EVM0014589	LG14	uncharacterized protein At4g	not DE	not DE	1.782863	0.03331
EVM0000294	LG14	uncharacterized protein At4g	not DE	not DE	not DE	not DE
EVM0002653	LG14	uncharacterized protein DDB_	not DE	not DE	not DE	not DE
EVM0009743	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005890	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014203	LG14	uncharacterized protein LOC1	not DE	not DE	1.267793	0.00134
EVM0019506	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013989	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE

EVM0002835	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020308	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002454	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021383	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007577	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024210	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023708	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008922	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011744	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013010	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009016	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012909	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009250	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017976	LG14	uncharacterized protein LOC1	not DE	not DE	-1.36223	#####
EVM0008381	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001322	LG14	uncharacterized protein LOC1	not DE	not DE	2.400133	0.00587
EVM0010603	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019320	LG14	uncharacterized protein LOC1	not DE	not DE	1.143828	0.02708
EVM0016304	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022242	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020745	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001216	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012470	LG14	uncharacterized protein LOC1	2.497406	0.021748	not DE	not DE
EVM0021096	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013218	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022480	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003383	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020894	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016205	LG14	uncharacterized protein LOC1	not DE	not DE	1.382555	#####
EVM0021131	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007905	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006509	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020763	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016073	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018683	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021736	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019845	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007847	LG14	uncharacterized protein LOC1	not DE	not DE	1.251355	0.02163
EVM0017339	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002668	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011900	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020236	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006069	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021077	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017623	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002793	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006416	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019074	LG14	uncharacterized protein LOC1	2.740841	0.0061	not DE	not DE
EVM0021156	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000487	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001947	LG14	uncharacterized protein LOC1	not DE	not DE	-1.02915	0.01884
EVM0014773	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000790	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021687	LG14	uncharacterized protein LOC1	not DE	not DE	1.054053	0.03147

EVM0010127	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015880	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016313	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010046	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022103	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002242	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009763	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021824	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004377	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003698	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009548	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004760	LG14	uncharacterized protein LOC1	not DE	not DE	1.553063	#####
EVM0020604	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011113	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013422	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013694	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012118	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022567	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010822	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023592	LG14	uncharacterized protein LOC1	not DE	not DE	-1.48868	0.04212
EVM0005522	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018039	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006610	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017305	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016692	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014354	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000457	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013197	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011824	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019183	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008382	LG14	uncharacterized protein LOC1	-1.41384	0.000707	not DE	not DE
EVM0022323	LG14	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008333	LG14	uroporphyrinogen decarboxyla	not DE	not DE	not DE	not DE
EVM0012413	LG14	vacuolar cation/proton excha	not DE	not DE	not DE	not DE
EVM0022117	LG14	vacuolar protein sorting-ass	not DE	not DE	not DE	not DE
EVM0020490	LG14	vesicle-associated protein 4	not DE	not DE	not DE	not DE
EVM0011670	LG14	vinorine synthase-like	not DE	not DE	not DE	not DE
EVM0014243	LG14	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0017306	LG14	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0020579	LG14	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0014479	LG14	zinc finger protein CONSTANS	not DE	not DE	not DE	not DE
EVM0006449	LG14	zinc finger protein ZAT9	not DE	not DE	not DE	not DE
EVM0020707	LG14	zinc transporter 2-like	-1.10331	0.009851	not DE	not DE
EVM0004179	LG14	(+)-delta-cadinene synthase i	not DE	not DE	not DE	not DE
EVM0004405	LG14	(+)-delta-cadinene synthase i	not DE	not DE	not DE	not DE
EVM0005321	LG14	(+)-delta-cadinene synthase i	not DE	not DE	not DE	not DE
EVM0008198	LG14	(+)-delta-cadinene synthase i	not DE	not DE	not DE	not DE
EVM0008679	LG14	(+)-delta-cadinene synthase i	not DE	not DE	not DE	not DE
EVM0011780	LG14	(+)-delta-cadinene synthase i	not DE	not DE	not DE	not DE
EVM0014715	LG14	1-acyl-sn-glycerol-3-phosphat	not DE	not DE	not DE	not DE
EVM0014774	LG14	AP2 domain class transcripcti	not DE	not DE	not DE	not DE
EVM0012524	LG14	AT hook motif-containing prot	not DE	not DE	not DE	not DE
EVM0014178	LG14	ATP binding protein, putative	not DE	not DE	not DE	not DE
EVM0023635	LG14	B-cell lymphoma 6 protein, pu	not DE	not DE	not DE	not DE

EVM0001930	LG14	BTB/POZ domain-containing protein	not DE	not DE	not DE	not DE
EVM0014378	LG14	Basic helix-loop-helix DNA-binding protein 1	-1.57106	0.034519	not DE	not DE
EVM0006347	LG14	Basic-leucine zipper transcription factor 1	not DE	not DE	not DE	not DE
EVM0015800	LG14	Basic-leucine zipper transcription factor 2	not DE	not DE	not DE	not DE
EVM0005721	LG14	C-repeat binding transcription factor 1	not DE	not DE	not DE	not DE
EVM0000394	LG14	C2 domain-containing protein 1	not DE	not DE	not DE	not DE
EVM0009098	LG14	Calcium-activated outward-rectifier potassium channel 1	not DE	not DE	not DE	not DE
EVM0019187	LG14	Calcium-binding protein, putative	not DE	not DE	not DE	not DE
EVM0014803	LG14	Calcium-dependent protein kinase 1	not DE	not DE	not DE	not DE
EVM0009364	LG14	Ccd1, putative	not DE	not DE	not DE	not DE
EVM0009645	LG14	Cellulose synthase-like D5	not DE	not DE	not DE	not DE
EVM0014637	LG14	Cellulose synthase-like D5	not DE	not DE	not DE	not DE
EVM0018740	LG14	Concanavalin A-like lectin protein	not DE	not DE	not DE	not DE
EVM0006012	LG14	Curculin-like (mannose-binding protein)	not DE	not DE	-5.25371	0.01272
EVM0022938	LG14	Curculin-like (mannose-binding protein)	not DE	not DE	not DE	not DE
EVM0013860	LG14	Cysteine-rich receptor-like protein	not DE	not DE	not DE	not DE
EVM0020034	LG14	Cysteine-rich receptor-like protein	not DE	not DE	not DE	not DE
EVM0003338	LG14	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0012853	LG14	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0017903	LG14	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0018265	LG14	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0023905	LG14	Cytochrome P450 71D11	not DE	not DE	not DE	not DE
EVM0024544	LG14	Cytochrome b5 isoform 1	not DE	not DE	not DE	not DE
EVM0019051	LG14	Cytokinin riboside 5'-monophosphate	not DE	not DE	not DE	not DE
EVM0014812	LG14	DNA binding protein, putative	not DE	not DE	not DE	not DE
EVM0011758	LG14	DNA-binding storekeeper protein	not DE	not DE	not DE	not DE
EVM0002062	LG14	DNA-directed RNA polymerase subunit 1	not DE	not DE	not DE	not DE
EVM0006754	LG14	DNA/RNA polymerases superfamily 1	not DE	not DE	not DE	not DE
EVM0019859	LG14	DNA/RNA polymerases superfamily 1	not DE	not DE	not DE	not DE
EVM0013531	LG14	DNase I-like superfamily protein	not DE	not DE	not DE	not DE
EVM0005530	LG14	Disease resistance family protein	not DE	not DE	not DE	not DE
EVM0013012	LG14	Embryo defective 2737	not DE	not DE	not DE	not DE
EVM0002468	LG14	Expression of the gene is downregulated	not DE	not DE	not DE	not DE
EVM0006548	LG14	Expression of the gene is downregulated	not DE	not DE	not DE	not DE
EVM0012673	LG14	Expression of the gene is downregulated	not DE	not DE	not DE	not DE
EVM0013595	LG14	Expression of the gene is downregulated	not DE	not DE	not DE	not DE
EVM0018700	LG14	Expression of the gene is downregulated	not DE	not DE	not DE	not DE
EVM0011640	LG14	F-box SKIP23-like protein	not DE	not DE	not DE	not DE
EVM0013616	LG14	F1504.13	not DE	not DE	not DE	not DE
EVM0017273	LG14	GRF1-interacting factor 3	not DE	not DE	not DE	not DE
EVM0000817	LG14	Glutamate receptor 1.1, putative	not DE	not DE	not DE	not DE
EVM0002064	LG14	Glutamate receptor 1.1, putative	not DE	not DE	not DE	not DE
EVM0003755	LG14	Glutamate receptor 1.1, putative	not DE	not DE	not DE	not DE
EVM0009716	LG14	Glutamate receptor 1.1, putative	not DE	not DE	not DE	not DE
EVM0012050	LG14	Glutamate receptor 1.1, putative	not DE	not DE	not DE	not DE
EVM0020864	LG14	Glutamate receptor 1.1, putative	not DE	not DE	not DE	not DE
EVM0016770	LG14	Glutathione transport system	not DE	not DE	not DE	not DE
EVM0014029	LG14	Growth-regulating factor 7, putative	not DE	not DE	not DE	not DE
EVM0014082	LG14	Heavy metal transport/detoxification protein	not DE	not DE	not DE	not DE
EVM0021139	LG14	IQ-domain 17, putative	not DE	not DE	not DE	not DE
EVM0018282	LG14	IQ-domain 21, putative isoform 1	not DE	not DE	not DE	not DE
EVM0021782	LG14	IQ-domain 21, putative isoform 2	not DE	not DE	not DE	not DE
EVM0010793	LG14	Kinase family protein	not DE	not DE	not DE	not DE
EVM0016444	LG14	Kinesin-like protein 1 isoform 1	not DE	not DE	not DE	not DE

EVM0015955	LG14	LEC1 transcription factor	not DE	not DE	not DE	not DE
EVM0002441	LG14	LIM and calponin domains-cont	not DE	not DE	not DE	not DE
EVM0014300	LG14	Leucine-rich repeat transmemb	not DE	not DE	not DE	not DE
EVM0011820	LG14	MRNA capping enzyme family pr	not DE	not DE	not DE	not DE
EVM0012747	LG14	Microtubule-associated protei	not DE	not DE	not DE	not DE
EVM0003043	LG14	NAC domain class transcriptio	4.011352	2.33E-10	-1.28089	0.02037
EVM0020197	LG14	NAC domain protein	not DE	not DE	not DE	not DE
EVM0023843	LG14	NAC domain protein	not DE	not DE	not DE	not DE
EVM0016020	LG14	NAC domain protein, IPR003441	not DE	not DE	not DE	not DE
EVM0004375	LG14	NAC domain-containing 29 -lik	not DE	not DE	not DE	not DE
EVM0005268	LG14	NAC domain-containing protein	not DE	not DE	not DE	not DE
EVM0004599	LG14	NADH:ubiquinone oxidoreductas	not DE	not DE	not DE	not DE
EVM0001026	LG14	Nodulin MtN21 /EamA-like tran	not DE	not DE	not DE	not DE
EVM0001312	LG14	Nodulin MtN21 /EamA-like tran	not DE	not DE	not DE	not DE
EVM0022416	LG14	Nodulin MtN21 /EamA-like tran	not DE	not DE	not DE	not DE
EVM0015374	LG14	Nucleotide-diphospho-sugar tr	not DE	not DE	not DE	not DE
EVM0022494	LG14	Nudix hydrolase 10 -like prot	1.485578	0.034712	not DE	not DE
EVM0004010	LG14	O-Glycosyl hydrolases family	not DE	not DE	not DE	not DE
EVM0024038	LG14	O-Glycosyl hydrolases family	not DE	not DE	not DE	not DE
EVM0014530	LG14	Pectin lyase-like superfamily	not DE	not DE	not DE	not DE
EVM0015644	LG14	Pectin lyase-like superfamily	not DE	not DE	not DE	not DE
EVM0004043	LG14	Pectinesterase U1 precursor,	not DE	not DE	not DE	not DE
EVM0003458	LG14	Pis v 1 allergen 2S albumin	not DE	not DE	not DE	not DE
EVM0004690	LG14	Plasma-membrane choline trans	not DE	not DE	not DE	not DE
EVM0011526	LG14	Plasma-membrane choline trans	not DE	not DE	not DE	not DE
EVM0017712	LG14	Polyubiquitin-A	not DE	not DE	not DE	not DE
EVM0019389	LG14	Premnaspirodiene oxygenase	not DE	not DE	not DE	not DE
EVM0002637	LG14	Putative pectinesterase/pecti	not DE	not DE	not DE	not DE
EVM0022187	LG14	Putative pectinesterase/pecti	not DE	not DE	not DE	not DE
EVM0015142	LG14	RING-H2 zinc finger protein R	not DE	not DE	not DE	not DE
EVM0006477	LG14	RING/U-box superfamily protei	not DE	not DE	not DE	not DE
EVM0000962	LG14	RNA-binding family protein is	not DE	not DE	not DE	not DE
EVM0021977	LG14	RNA-binding family protein is	not DE	not DE	not DE	not DE
EVM0011460	LG14	Ribonuclease P family protein	not DE	not DE	not DE	not DE
EVM0013227	LG14	S-adenosyl-L-methionine-depen	not DE	not DE	not DE	not DE
EVM0016606	LG14	SPFH/Band 7/PHB domain-contain	not DE	not DE	not DE	not DE
EVM0020221	LG14	SWIB/MDM2 domain superfamily	not DE	not DE	not DE	not DE
EVM0022908	LG14	Serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0016273	LG14	Serine/threonine-protein kin	1.978196	0.000204	not DE	not DE
EVM0024497	LG14	Spo11/DNA topoisomerase VI	not DE	not DE	not DE	not DE
EVM0019285	LG14	Squalene monooxygenase	not DE	not DE	not DE	not DE
EVM0017350	LG14	To encode a PR protein, Belon	not DE	not DE	not DE	not DE
EVM0009868	LG14	Transcription elongation fact	not DE	not DE	not DE	not DE
EVM0020792	LG14	Transcription factor MYB811	not DE	not DE	not DE	not DE
EVM0021695	LG14	Transmembrane amino acid tran	not DE	not DE	not DE	not DE
EVM0000549	LG14	Transmembrane proteins 14C	not DE	not DE	not DE	not DE
EVM0009502	LG14	Transmembrane proteins 14C	not DE	not DE	not DE	not DE
EVM0001072	LG14	UDP-Glycosyltransferase super	not DE	not DE	not DE	not DE
EVM0009687	LG14	UDP-Glycosyltransferase super	not DE	not DE	not DE	not DE
EVM0013612	LG14	UDP-Glycosyltransferase super	not DE	not DE	not DE	not DE
EVM0023748	LG14	UDP-Glycosyltransferase super	not DE	not DE	not DE	not DE
EVM0016714	LG14	UDP-glucosyltransferase, puta	not DE	not DE	not DE	not DE
EVM0018385	LG14	UDP-glucosyltransferase, puta	not DE	not DE	not DE	not DE
EVM0016593	LG14	Ubiquitin	not DE	not DE	not DE	not DE

EVM0011479	LG14	Ubiquitin supergroup, Ribosomal	not DE	not DE	not DE	not DE
EVM0004663	LG14	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0017584	LG14	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0003074	LG14	Uncharacterized protein TCM_C	-3.60127	0.000711	not DE	not DE
EVM0019885	LG14	Uncharacterized protein TCM_C	not DE	not DE	2.777076	0.00028
EVM0004018	LG14	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0005335	LG14	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0014608	LG14	Uncharacterized protein isofo	-2.01155	0.003268	not DE	not DE
EVM0015037	LG14	Uncharacterized protein isofo	1.662212	2.68E-06	not DE	not DE
EVM0004932	LG14	WD repeat family protein	not DE	not DE	not DE	not DE
EVM0011943	LG14	WRKY transcription factor-like	not DE	not DE	not DE	not DE
EVM0022592	LG14	Wax synthase, putative	-1.49755	0.000409	not DE	not DE
EVM0007484	LG14	White-brown complex protein l	not DE	not DE	not DE	not DE
EVM0011655	LG14	White-brown complex protein l	not DE	not DE	not DE	not DE
EVM0015210	LG14	Yippee family zinc-binding pr	not DE	not DE	not DE	not DE
EVM0024426	LG14	actin binding protein, putati	not DE	not DE	not DE	not DE
EVM0008438	LG14	caffeic acid O-methyltransfer	not DE	not DE	not DE	not DE
EVM0015521	LG14	caffeic acid O-methyltransfer	not DE	not DE	not DE	not DE
EVM0002342	LG14	caffeic acid O-methyltransfer	not DE	not DE	not DE	not DE
EVM0017932	LG14	chlorophyll A/B binding prote	-3.56182	7.72E-06	not DE	not DE
EVM0004192	LG14	conserved hypothetical protei	not DE	not DE	-1.26807	0.00063
EVM0005248	LG14	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0014543	LG14	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0018107	LG14	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0024553	LG14	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0003960	LG14	farnesyl pyrophosphate syntha	not DE	not DE	not DE	not DE
EVM0017844	LG14	gaba(A) receptor-associated p	not DE	not DE	not DE	not DE
EVM0004595	LG14	galactosyltransferase family	not DE	not DE	not DE	not DE
EVM0001671	LG14	glutathione transferase, part	not DE	not DE	not DE	not DE
EVM0017573	LG14	glutathione transferase, part	not DE	not DE	not DE	not DE
EVM0020599	LG14	heat shock protein 21	not DE	not DE	not DE	not DE
EVM0018314	LG14	homeobox leucine zipper prote	not DE	not DE	not DE	not DE
EVM0003551	LG14	hypothetical protein	not DE	not DE	not DE	not DE
EVM0016486	LG14	hypothetical protein AMTR_s03	not DE	not DE	not DE	not DE
EVM0016291	LG14	hypothetical protein ARALYDRA	not DE	not DE	1.208173	0.02199
EVM0023712	LG14	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0013867	LG14	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0022045	LG14	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0003987	LG14	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0013356	LG14	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0020198	LG14	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0003939	LG14	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0009300	LG14	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0006276	LG14	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0011111	LG14	hypothetical protein CICLE_vl	not DE	not DE	-2.0027	#####
EVM0019222	LG14	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0020096	LG14	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0014143	LG14	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0002478	LG14	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0024053	LG14	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0017828	LG14	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0002764	LG14	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0015796	LG14	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0022484	LG14	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE







EVM0023597	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024093	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012324	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018304	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008870	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019975	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017375	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024311	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024576	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002574	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004684	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013148	LG14	hypothetical protein CICLE_v1	not DE	not DE	-1.17044	0.04845
EVM0014743	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013440	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011435	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010947	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004465	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011664	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012521	LG14	hypothetical protein CICLE_v1	-2.19086	0.011135	not DE	not DE
EVM0006077	LG14	hypothetical protein CICLE_v1	-1.59659	0.031679	not DE	not DE
EVM0020557	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012781	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014045	LG14	hypothetical protein CICLE_v1	not DE	not DE	1.159061	0.01503
EVM0013389	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012449	LG14	hypothetical protein CICLE_v1	not DE	not DE	-1.29288	0.00811
EVM0002220	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018492	LG14	hypothetical protein CICLE_v1	not DE	not DE	1.166043	0.01692
EVM0006698	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002118	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004210	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012929	LG14	hypothetical protein CICLE_v1	-1.68287	0.033991	not DE	not DE
EVM0010577	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006348	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003736	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009559	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018109	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006957	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005779	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014735	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012719	LG14	hypothetical protein CICLE_v1	not DE	not DE	1.103647	0.00045
EVM0024183	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018421	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002559	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000392	LG14	hypothetical protein CICLE_v1	-1.73455	0.047713	not DE	not DE
EVM0023423	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002625	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012872	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005972	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022943	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003680	LG14	hypothetical protein CICLE_v1	not DE	not DE	1.131456	0.03564
EVM0018081	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013533	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005345	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006075	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0019917	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003296	LG14	hypothetical protein CICLE_v1	not DE	not DE	1.311234	0.01224
EVM0014098	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021825	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001535	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003491	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006214	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021502	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022115	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003371	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012414	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006674	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012320	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004953	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016417	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006038	LG14	hypothetical protein CICLE_v1	not DE	not DE	-1.75343	0.01158
EVM0007114	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009524	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011422	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012155	LG14	hypothetical protein CICLE_v1	6.732185	2.00E-05	not DE	not DE
EVM0015911	LG14	hypothetical protein CICLE_v1	8.710157	9.62E-05	not DE	not DE
EVM0000066	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007515	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011411	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015950	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017839	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021493	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019983	LG14	hypothetical protein CICLE_v1	not DE	not DE	-1.02081	0.00281
EVM0003786	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016476	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018466	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021486	LG14	hypothetical protein CICLE_v1	2.312925	0.001333	not DE	not DE
EVM0016954	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018930	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002128	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010995	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013519	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021364	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018527	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006688	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022740	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003499	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004044	LG14	hypothetical protein CICLE_v1	1.478913	1.08E-05	not DE	not DE
EVM0020217	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018172	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007593	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011316	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018189	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003512	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018850	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008237	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011298	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008393	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011612	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0000890	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006993	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020164	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008440	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022176	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003290	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005054	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007100	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008707	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015243	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001032	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017639	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023788	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012306	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016322	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018437	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004842	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011749	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017516	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008145	LG14	hypothetical protein CICLE_v1	5.346662	0.001831	4.223244	0.00024
EVM0023160	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022359	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006801	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021023	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013064	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019240	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008016	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012945	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004511	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019892	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005029	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024396	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022394	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005624	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012299	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001751	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005728	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012333	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008146	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020741	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015317	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014651	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015579	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004473	LG14	hypothetical protein CICLE_v1	not DE	not DE	-2.06945	0.00343
EVM0021318	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024538	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010980	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010556	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020399	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022294	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011363	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011918	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012568	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010467	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0019589	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018160	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001348	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009031	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006798	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009427	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001049	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023562	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001120	LG14	hypothetical protein CICLE_v1	2.311809	5.68E-06	2.608858	0.00042
EVM0001517	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009600	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016563	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005188	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014485	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023465	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016581	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002991	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015113	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014113	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015869	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007886	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001233	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023498	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019353	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004023	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015632	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021549	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009094	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017508	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007109	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001788	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018894	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002112	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016468	LG14	hypothetical protein CICLE_v1	not DE	not DE	-1.40885	#####
EVM0006063	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003281	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006595	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023896	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003291	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006606	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008604	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009551	LG14	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013638	LG14	hypothetical protein CISIN_1g	not DE	not DE	-1.15174	#####
EVM0012651	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020956	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000308	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015587	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000732	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020875	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009588	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010910	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021613	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010106	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010958	LG14	hypothetical protein CISIN_1g	1.925232	0.037681	not DE	not DE

EVM0018292	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004290	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021025	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022334	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018827	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022353	LG14	hypothetical protein CISIN_1g	not DE	not DE	2.606671	0.02674
EVM0005917	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004922	LG14	hypothetical protein CISIN_1g	3.066928	0.04194	not DE	not DE
EVM0013920	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008530	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022636	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003128	LG14	hypothetical protein CISIN_1g	not DE	not DE	-1.25776	0.04476
EVM0005612	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005820	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002022	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006898	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000762	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008754	LG14	hypothetical protein CISIN_1g	1.200476	0.041873	not DE	not DE
EVM0021105	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005239	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019380	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021061	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008582	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008708	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023204	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010095	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023257	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003242	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017850	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007613	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000863	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017580	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003289	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021791	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000716	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013210	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012562	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020168	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021242	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009342	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005878	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001249	LG14	hypothetical protein CISIN_1g	1.982156	0.040503	not DE	not DE
EVM0010417	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000045	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007500	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006611	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001183	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018990	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020826	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015007	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018958	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019608	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023414	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000622	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0017638	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006737	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024098	LG14	hypothetical protein CISIN_1g	not DE	not DE	1.254489	0.02054
EVM0017692	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004046	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002188	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012887	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012982	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016198	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012203	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003111	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013783	LG14	hypothetical protein CISIN_1g	-1.99204	2.04E-05	not DE	not DE
EVM0000500	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014830	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022221	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021254	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012983	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013917	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004910	LG14	hypothetical protein CISIN_1g	not DE	not DE	1.7368	0.00435
EVM0007452	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018732	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013746	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004974	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017686	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008836	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010020	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012782	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006186	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017440	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023326	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020143	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009731	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024647	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022714	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003390	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024322	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005291	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009429	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014145	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019719	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016910	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002789	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000044	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005303	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005472	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007509	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007770	LG14	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017569	LG14	hypothetical protein CISIN_1g	-2.94823	1.50E-06	not DE	not DE
EVM0018221	LG14	hypothetical protein Csa_3G07	not DE	not DE	not DE	not DE
EVM0006702	LG14	hypothetical protein EUGRSUZ_	not DE	not DE	1.791647	#####
EVM0002497	LG14	hypothetical protein EUTSA_v1	not DE	not DE	not DE	not DE
EVM0002908	LG14	hypothetical protein F383_112	not DE	not DE	not DE	not DE
EVM0000380	LG14	hypothetical protein F383_116	1.308106	0.038508	1.544848	0.00375
EVM0006171	LG14	hypothetical protein F383_116	not DE	not DE	not DE	not DE



EVM0012441	LG14	hypothetical protein JCGZ_005	not DE	not DE	not DE	not DE
EVM0022874	LG14	hypothetical protein JCGZ_007	not DE	not DE	not DE	not DE
EVM0016314	LG14	hypothetical protein JCGZ_007	not DE	not DE	not DE	not DE
EVM0008998	LG14	hypothetical protein JCGZ_007	not DE	not DE	-1.94602	0.02818
EVM0013334	LG14	hypothetical protein JCGZ_007	not DE	not DE	not DE	not DE
EVM0006571	LG14	hypothetical protein JCGZ_008	not DE	not DE	not DE	not DE
EVM0018627	LG14	hypothetical protein JCGZ_008	not DE	not DE	not DE	not DE
EVM0003060	LG14	hypothetical protein JCGZ_008	not DE	not DE	not DE	not DE
EVM0005748	LG14	hypothetical protein JCGZ_008	not DE	not DE	not DE	not DE
EVM0011294	LG14	hypothetical protein JCGZ_008	not DE	not DE	not DE	not DE
EVM0010866	LG14	hypothetical protein JCGZ_009	not DE	not DE	not DE	not DE
EVM0022048	LG14	hypothetical protein JCGZ_009	not DE	not DE	not DE	not DE
EVM0008665	LG14	hypothetical protein JCGZ_010	not DE	not DE	not DE	not DE
EVM0005710	LG14	hypothetical protein JCGZ_010	not DE	not DE	not DE	not DE
EVM0014033	LG14	hypothetical protein JCGZ_010	not DE	not DE	not DE	not DE
EVM0020844	LG14	hypothetical protein JCGZ_030	not DE	not DE	not DE	not DE
EVM0009877	LG14	hypothetical protein JCGZ_087	not DE	not DE	not DE	not DE
EVM0012436	LG14	hypothetical protein JCGZ_098	not DE	not DE	not DE	not DE
EVM0010823	LG14	hypothetical protein JCGZ_119	not DE	not DE	not DE	not DE
EVM0021754	LG14	hypothetical protein JCGZ_134	not DE	not DE	not DE	not DE
EVM0007838	LG14	hypothetical protein JCGZ_139	not DE	not DE	not DE	not DE
EVM0000942	LG14	hypothetical protein JCGZ_147	not DE	not DE	not DE	not DE
EVM0003587	LG14	hypothetical protein JCGZ_147	not DE	not DE	not DE	not DE
EVM0006002	LG14	hypothetical protein JCGZ_147	not DE	not DE	not DE	not DE
EVM0007899	LG14	hypothetical protein JCGZ_147	not DE	not DE	not DE	not DE
EVM0010433	LG14	hypothetical protein JCGZ_147	not DE	not DE	not DE	not DE
EVM0015440	LG14	hypothetical protein JCGZ_147	not DE	not DE	not DE	not DE
EVM0016368	LG14	hypothetical protein JCGZ_147	not DE	not DE	not DE	not DE
EVM0017513	LG14	hypothetical protein JCGZ_147	not DE	not DE	not DE	not DE
EVM0021653	LG14	hypothetical protein JCGZ_147	not DE	not DE	not DE	not DE
EVM0021657	LG14	hypothetical protein JCGZ_147	not DE	not DE	not DE	not DE
EVM0001199	LG14	hypothetical protein JCGZ_147	not DE	not DE	not DE	not DE
EVM0018853	LG14	hypothetical protein JCGZ_147	not DE	not DE	not DE	not DE
EVM0011763	LG14	hypothetical protein JCGZ_161	not DE	not DE	not DE	not DE
EVM0016397	LG14	hypothetical protein JCGZ_170	not DE	not DE	-3.97867	0.00626
EVM0017230	LG14	hypothetical protein JCGZ_170	not DE	not DE	not DE	not DE
EVM0009647	LG14	hypothetical protein JCGZ_171	not DE	not DE	not DE	not DE
EVM0004602	LG14	hypothetical protein JCGZ_183	not DE	not DE	not DE	not DE
EVM0014506	LG14	hypothetical protein JCGZ_201	not DE	not DE	not DE	not DE
EVM0003582	LG14	hypothetical protein JCGZ_201	not DE	not DE	not DE	not DE
EVM0004385	LG14	hypothetical protein JCGZ_201	not DE	not DE	not DE	not DE
EVM0018844	LG14	hypothetical protein JCGZ_201	not DE	not DE	not DE	not DE
EVM0023798	LG14	hypothetical protein JCGZ_201	not DE	not DE	not DE	not DE
EVM0016365	LG14	hypothetical protein JCGZ_201	not DE	not DE	not DE	not DE
EVM0023920	LG14	hypothetical protein JCGZ_201	not DE	not DE	not DE	not DE
EVM0010444	LG14	hypothetical protein JCGZ_201	not DE	not DE	not DE	not DE
EVM0010309	LG14	hypothetical protein JCGZ_203	1.697848	0.018013	not DE	not DE
EVM0022081	LG14	hypothetical protein JCGZ_208	not DE	not DE	not DE	not DE
EVM0014438	LG14	hypothetical protein JCGZ_208	not DE	not DE	not DE	not DE
EVM0004741	LG14	hypothetical protein JCGZ_209	not DE	not DE	not DE	not DE
EVM0000087	LG14	hypothetical protein JCGZ_209	not DE	not DE	not DE	not DE
EVM0009959	LG14	hypothetical protein JCGZ_209	not DE	not DE	not DE	not DE
EVM0007705	LG14	hypothetical protein JCGZ_215	not DE	not DE	not DE	not DE
EVM0015940	LG14	hypothetical protein JCGZ_215	not DE	not DE	-3.01287	0.00175

EVM0020338	LG14	hypothetical protein JCGZ_256	not DE	not DE	not DE	not DE
EVM0021051	LG14	hypothetical protein L484_000	not DE	not DE	not DE	not DE
EVM0010536	LG14	hypothetical protein L484_006	not DE	not DE	not DE	not DE
EVM0015670	LG14	hypothetical protein L484_011	not DE	not DE	not DE	not DE
EVM0017530	LG14	hypothetical protein L484_012	not DE	not DE	not DE	not DE
EVM0003481	LG14	hypothetical protein L484_017	not DE	not DE	not DE	not DE
EVM0013587	LG14	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0019398	LG14	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0020130	LG14	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0022418	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0001038	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019305	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0008164	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0004743	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0007603	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0009224	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0012924	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010654	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0014304	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0016937	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0018318	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0008749	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0012176	LG14	hypothetical protein POPTR_00	not DE	not DE	1.547501	0.03171
EVM0006153	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0012636	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0003702	LG14	hypothetical protein POPTR_00	2.144418	0.002797	not DE	not DE
EVM0017116	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0003286	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0004604	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0013579	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010614	LG14	hypothetical protein POPTR_00	not DE	not DE	-2.33342	0.00168
EVM0002954	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023982	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0024343	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020459	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0005146	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0024319	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000901	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002892	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019991	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0024136	LG14	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0012356	LG14	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0003753	LG14	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0023119	LG14	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0008422	LG14	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0017910	LG14	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0011537	LG14	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0002249	LG14	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0008580	LG14	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0017620	LG14	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0011364	LG14	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0011571	LG14	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0011759	LG14	hypothetical protein RCOM_058	not DE	not DE	not DE	not DE
EVM0018856	LG14	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE

EVM0022732	LG14	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0003553	LG14	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0008885	LG14	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0016213	LG14	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0018818	LG14	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0015072	LG14	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0021492	LG14	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0017040	LG14	importin beta-1, putative	not DE	not DE	not DE	not DE
EVM0003693	LG14	lateral	not DE	not DE	not DE	not DE
EVM0005168	LG14	leucine-rich repeat containin	not DE	not DE	not DE	not DE
EVM0008611	LG14	leucine-rich repeat containin	not DE	not DE	not DE	not DE
EVM0010537	LG14	leucine-rich repeat containin	not DE	not DE	not DE	not DE
EVM0013885	LG14	leucine-rich repeat containin	not DE	not DE	not DE	not DE
EVM0022667	LG14	mitochondrial import inner me	not DE	not DE	not DE	not DE
EVM0002357	LG14	n6-DNA-methyltransferase, put	not DE	not DE	not DE	not DE
EVM0014087	LG14	o-methyltransferase, putative	not DE	not DE	not DE	not DE
EVM0006228	LG14	phosphatase 2C family protein	not DE	not DE	not DE	not DE
EVM0008873	LG14	phosphatase 2C family protein	not DE	not DE	not DE	not DE
EVM0013204	LG14	photosystem II protein K (chl	not DE	not DE	not DE	not DE
EVM0004621	LG14	pollen Ole e 1 allergen and e	not DE	not DE	not DE	not DE
EVM0015647	LG14	pollen Ole e 1 allergen and e	not DE	not DE	not DE	not DE
EVM0004906	LG14	polyprotein	not DE	not DE	not DE	not DE
EVM0006792	LG14	polyubiquitin (ubq10)	not DE	not DE	not DE	not DE
EVM0023236	LG14	polyubiquitin (ubq10)	not DE	not DE	not DE	not DE
EVM0007592	LG14	polyubiquitin 3	not DE	not DE	not DE	not DE
EVM0003666	LG14	putative 9-cis-epoxycarotenoi	3.397423	0.002022	-2.58263	0.00534
EVM0013883	LG14	putative retroelement pol pol	not DE	not DE	not DE	not DE
EVM0023045	LG14	putative serine/threonine-pro	not DE	not DE	not DE	not DE
EVM0014643	LG14	retrotransposon protein, puta	not DE	not DE	not DE	not DE
EVM0011777	LG14	triptychon and cpc, putative	not DE	not DE	not DE	not DE
EVM0003334	LG14	ubiquitin-conjugating enzyme	not DE	not DE	not DE	not DE
EVM0014224	LG14	uncharacterized protein LOC10	not DE	not DE	not DE	not DE
EVM0007811	LG14	uncharacterized protein LOC10	not DE	not DE	not DE	not DE
EVM0000999	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0003032	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0003669	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0004959	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0004965	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0008180	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0010120	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0010203	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0010552	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0010701	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0011290	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0011341	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0011703	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0013391	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0013978	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0014422	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0015991	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0016149	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0016662	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0016778	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0017182	LG14	unknown protein	not DE	not DE	not DE	not DE

EVM0019745	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0021217	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0023933	LG14	unknown protein	not DE	not DE	not DE	not DE
EVM0024154	LG14	unknown protein	not DE	not DE	1.94697	0.00115
EVM0000666	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0001425	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0001812	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0004782	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0005408	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0006108	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0006913	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0007502	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0007644	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0007852	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0008027	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0008364	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0009323	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0009772	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0010901	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0011394	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0012617	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0016632	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0017118	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0018531	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0018540	LG14	unnamed protein product	not DE	not DE	not DE	not DE
EVM0020662	LG15	116 kDa U5 small nuclear rib	not DE	not DE	-1.04823	#####
EVM0016332	LG15	2-oxoglutarate dehydrogenase	not DE	not DE	not DE	not DE
EVM0005140	LG15	4-coumarate--CoA ligase-like	not DE	not DE	not DE	not DE
EVM0009779	LG15	40S ribosomal protein S17-3	not DE	not DE	not DE	not DE
EVM0010408	LG15	40S ribosomal protein S17-3	not DE	not DE	not DE	not DE
EVM0008142	LG15	40S ribosomal protein S25-li	not DE	not DE	not DE	not DE
EVM0000893	LG15	60S acidic ribosomal protein	not DE	not DE	not DE	not DE
EVM0023922	LG15	60S ribosomal protein L21-2-	not DE	not DE	not DE	not DE
EVM0020947	LG15	ABC transporter B family mem	not DE	not DE	not DE	not DE
EVM0000231	LG15	ADP-ribosylation factor GTPa	not DE	not DE	not DE	not DE
EVM0010874	LG15	AP3-complex subunit beta-A-l	not DE	not DE	not DE	not DE
EVM0001545	LG15	BTB/POZ domain-containing pr	not DE	not DE	not DE	not DE
EVM0015671	LG15	DEAD-box ATP-dependent RNA h	not DE	not DE	not DE	not DE
EVM0009744	LG15	DEAD-box ATP-dependent RNA h	not DE	not DE	not DE	not DE
EVM0013426	LG15	DNA gyrase subunit A, chloro	not DE	not DE	not DE	not DE
EVM0019338	LG15	DNA replication complex GINS	not DE	not DE	not DE	not DE
EVM0007977	LG15	DNA replication complex GINS	not DE	not DE	not DE	not DE
EVM0022459	LG15	DNA replication licensing fa	not DE	not DE	not DE	not DE
EVM0016911	LG15	DNA-directed RNA polymerase	not DE	not DE	not DE	not DE
EVM0020492	LG15	DNL-type zinc finger protein	not DE	not DE	not DE	not DE
EVM0017820	LG15	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0006216	LG15	E3 ubiquitin-protein ligase	not DE	not DE	-1.16621	#####
EVM0007252	LG15	ENTH domain-containing prote	not DE	not DE	not DE	not DE
EVM0023991	LG15	ENTH domain-containing prote	not DE	not DE	not DE	not DE
EVM0024383	LG15	ETHYLENE INSENSITIVE 3-like	not DE	not DE	not DE	not DE
EVM0002451	LG15	Fructose-bisphosphate aldola	not DE	not DE	not DE	not DE
EVM0000339	LG15	GDSL esterase/lipase At5g036	not DE	not DE	not DE	not DE
EVM0023729	LG15	GDSL esterase/lipase CPRD49-	not DE	not DE	not DE	not DE
EVM0024393	LG15	L-type lectin-domain contain	not DE	not DE	not DE	not DE

EVM0015258	LG15	LOW QUALITY PROTEIN: anthran	not DE	not DE	not DE	not DE
EVM0002769	LG15	LOW QUALITY PROTEIN: transke	not DE	not DE	not DE	not DE
EVM0020491	LG15	LRR receptor-like serine/thr	not DE	not DE	not DE	not DE
EVM0009072	LG15	LRR receptor-like serine/thr	-2.48576	4.39E-08	-2.46166	#####
EVM0005340	LG15	NADH dehydrogenase	not DE	not DE	not DE	not DE
EVM0013733	LG15	OTU domain-containing protei	not DE	not DE	not DE	not DE
EVM0013800	LG15	PHD finger protein ALFIN-LIK	not DE	not DE	not DE	not DE
EVM0013298	LG15	RING-H2 finger protein ATL51	not DE	not DE	not DE	not DE
EVM0017799	LG15	RING-H2 finger protein ATL51	not DE	not DE	not DE	not DE
EVM0019561	LG15	RNA-binding protein Nova-1 i	1.134179	0.017562	not DE	not DE
EVM0009931	LG15	SET and MYND domain-containi	not DE	not DE	not DE	not DE
EVM0022381	LG15	SUN domain-containing protei	not DE	not DE	not DE	not DE
EVM0018192	LG15	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0000601	LG15	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0010302	LG15	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0014984	LG15	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0019330	LG15	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0010142	LG15	UDP-glycosyltransferase 76F1	not DE	not DE	not DE	not DE
EVM0012195	LG15	UDP-glycosyltransferase 76F1	not DE	not DE	not DE	not DE
EVM0015641	LG15	UDP-glycosyltransferase 85A1	not DE	not DE	not DE	not DE
EVM0019447	LG15	WD repeat-containing protei	not DE	not DE	not DE	not DE
EVM0003777	LG15	WUSCHEL-related homeobox 5-l	not DE	not DE	not DE	not DE
EVM0000760	LG15	abietadienol/abietadienal ox	not DE	not DE	not DE	not DE
EVM0013850	LG15	actin-97-like	not DE	not DE	not DE	not DE
EVM0016718	LG15	actin-97-like	not DE	not DE	not DE	not DE
EVM0014021	LG15	acyl-CoA-binding domain-cont	not DE	not DE	not DE	not DE
EVM0009311	LG15	alpha-galactosidase-like	not DE	not DE	not DE	not DE
EVM0019106	LG15	alpha-galactosidase-like	not DE	not DE	not DE	not DE
EVM0016214	LG15	anaphase-promoting complex s	not DE	not DE	not DE	not DE
EVM0019294	LG15	ankyrin repeat-containing pr	not DE	not DE	not DE	not DE
EVM0001846	LG15	armadillo repeat-containing	not DE	not DE	not DE	not DE
EVM0004802	LG15	beta-galactosidase-like	not DE	not DE	not DE	not DE
EVM0003768	LG15	calcium-dependent protein kin	not DE	not DE	not DE	not DE
EVM0019100	LG15	calcium-dependent protein kin	not DE	not DE	not DE	not DE
EVM0010959	LG15	calmodulin-interacting prote	not DE	not DE	-1.0215	#####
EVM0014946	LG15	calnexin homolog	not DE	not DE	not DE	not DE
EVM0009457	LG15	cation/H(+) antiporter 15-li	not DE	not DE	not DE	not DE
EVM0005395	LG15	charged multivesicular body	not DE	not DE	not DE	not DE
EVM0007356	LG15	cucumber peeling cupredoxin-	not DE	not DE	not DE	not DE
EVM0024237	LG15	cucumber peeling cupredoxin-	not DE	not DE	not DE	not DE
EVM0013843	LG15	cucumisin-like	not DE	not DE	not DE	not DE
EVM0018069	LG15	cucumisin-like	not DE	not DE	not DE	not DE
EVM0024034	LG15	cucumisin-like	not DE	not DE	not DE	not DE
EVM0003084	LG15	cyclin-dependent protein kin	not DE	not DE	not DE	not DE
EVM0006039	LG15	cysteine proteinase inhibitor	not DE	not DE	not DE	not DE
EVM0007446	LG15	cytochrome P450 716B1-like	not DE	not DE	not DE	not DE
EVM0015047	LG15	cytochrome P450 77A3-like	-1.82781	0.02435	not DE	not DE
EVM0014932	LG15	cytochrome P450 78A9-like is	not DE	not DE	not DE	not DE
EVM0006029	LG15	cytosolic endo-beta-N-acetyl	not DE	not DE	not DE	not DE
EVM0022458	LG15	cytosolic endo-beta-N-acetyl	not DE	not DE	not DE	not DE
EVM0018155	LG15	cytosolic sulfotransferase 1	3.140871	0.037412	not DE	not DE
EVM0019777	LG15	delta-1-pyrroline-5-carboxyl	1.445908	0.038879	not DE	not DE
EVM0023252	LG15	delta-aminolevulinic acid de	not DE	not DE	not DE	not DE
EVM0023932	LG15	delta-aminolevulinic acid de	not DE	not DE	not DE	not DE

EVM0004196	LG15	dnaJ protein homolog isoform	not DE	not DE	not DE	not DE
EVM0016362	LG15	dnaJ protein homolog isoform	not DE	not DE	not DE	not DE
EVM0004713	LG15	early endosome antigen 1-like	not DE	not DE	not DE	not DE
EVM0018841	LG15	early endosome antigen 1-like	not DE	not DE	not DE	not DE
EVM0015136	LG15	elicitor-responsive protein	-2.65205	0.043162	not DE	not DE
EVM0005651	LG15	elongator complex protein 1	not DE	not DE	not DE	not DE
EVM0008101	LG15	endoglucanase 12-like	not DE	not DE	not DE	not DE
EVM0006011	LG15	eukaryotic peptide chain rel	1.791333	7.42E-06	not DE	not DE
EVM0010988	LG15	exocyst complex component EX	not DE	not DE	not DE	not DE
EVM0004150	LG15	exocyst complex component SE	not DE	not DE	not DE	not DE
EVM0024368	LG15	exocyst complex component SE	not DE	not DE	not DE	not DE
EVM0018795	LG15	ferredoxin-3, chloroplastic	not DE	not DE	not DE	not DE
EVM0015114	LG15	ferritin-3, chloroplastic-li	not DE	not DE	not DE	not DE
EVM0013375	LG15	flowering time control prote	not DE	not DE	not DE	not DE
EVM0001779	LG15	folylpolyglutamate synthase	1.111194	3.16E-07	not DE	not DE
EVM0019774	LG15	galactoside 2-alpha-L-fucosy	not DE	not DE	not DE	not DE
EVM0002906	LG15	general transcription factor	not DE	not DE	not DE	not DE
EVM0008138	LG15	germin-like protein subfamil	not DE	not DE	not DE	not DE
EVM0005403	LG15	glucan endo-1,3-beta-glucosi	not DE	not DE	not DE	not DE
EVM0022613	LG15	glucan endo-1,3-beta-glucosi	not DE	not DE	not DE	not DE
EVM0017462	LG15	glucan endo-1,3-beta-glucosi	not DE	not DE	not DE	not DE
EVM0019972	LG15	glutathione S-transferase DH	not DE	not DE	not DE	not DE
EVM0022963	LG15	glutathione S-transferase DH	not DE	not DE	not DE	not DE
EVM0010146	LG15	glutathione S-transferase L2	not DE	not DE	1.707425	0.03556
EVM0006981	LG15	glutathione S-transferase UL	not DE	not DE	not DE	not DE
EVM0009244	LG15	glutathione S-transferase UL	not DE	not DE	not DE	not DE
EVM0015137	LG15	glutathione S-transferase UL	not DE	not DE	not DE	not DE
EVM0003117	LG15	glycine--tRNA ligase 1, mito	not DE	not DE	not DE	not DE
EVM0000299	LG15	heat shock 70 kDa protein, m	not DE	not DE	-1.28305	#####
EVM0016092	LG15	heat shock cognate 70 kDa pr	-4.8578	5.04E-07	-3.76137	#####
EVM0020276	LG15	heat shock cognate 70 kDa pr	-5.25345	0.00409	not DE	not DE
EVM0011544	LG15	heparan-alpha-glucosaminide	not DE	not DE	not DE	not DE
EVM0021658	LG15	histone-lysine N-methyltrans	not DE	not DE	not DE	not DE
EVM0008391	LG15	hydroxyacyl-thioester dehydr	not DE	not DE	not DE	not DE
EVM0024320	LG15	inactive leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0021582	LG15	indole-3-acetic acid-amido s	not DE	not DE	not DE	not DE
EVM0004926	LG15	inositol-tetrakisphosphate l	not DE	not DE	not DE	not DE
EVM0013335	LG15	leucine-rich repeat receptor	not DE	not DE	not DE	not DE
EVM0009153	LG15	leucoanthocyanidin dioxygena	not DE	not DE	not DE	not DE
EVM0001952	LG15	lysosomal Pro-X carboxypepti	not DE	not DE	not DE	not DE
EVM0020871	LG15	methyltransferase-like prote	not DE	not DE	not DE	not DE
EVM0017534	LG15	mitochondrial acidic protein	not DE	not DE	not DE	not DE
EVM0020244	LG15	mitochondrial acidic protein	not DE	not DE	not DE	not DE
EVM0022559	LG15	mitochondrial import inner m	not DE	not DE	not DE	not DE
EVM0013755	LG15	monocopper oxidase-like prot	not DE	not DE	not DE	not DE
EVM0004574	LG15	non-symbiotic hemoglobin 2	not DE	not DE	not DE	not DE
EVM0008415	LG15	nudix hydrolase 16, mitochon	not DE	not DE	not DE	not DE
EVM0012838	LG15	nudix hydrolase 16, mitochon	not DE	not DE	not DE	not DE
EVM0010555	LG15	pentatricopeptide repeat-con	1.288616	0.02385	not DE	not DE
EVM0003439	LG15	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0021749	LG15	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0004310	LG15	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0023530	LG15	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0007161	LG15	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE

EVM0005281	LG15	peptidyl-prolyl cis-trans isom	not DE	not DE	not DE	not DE
EVM0018509	LG15	peroxidase P7-like	not DE	not DE	not DE	not DE
EVM0005572	LG15	phosphatidylinositol-3-phosph	not DE	not DE	not DE	not DE
EVM0009915	LG15	phosphatidylinositol-glycan	not DE	not DE	not DE	not DE
EVM0009661	LG15	phosphoglucan phosphatase DS	1.140972	0.011148	1.061336	0.00295
EVM0015506	LG15	potassium transporter 5	not DE	not DE	not DE	not DE
EVM0015328	LG15	probable BOI-related E3 ubiqu	not DE	not DE	not DE	not DE
EVM0022850	LG15	probable DNA-directed RNA po	1.722455	3.75E-05	not DE	not DE
EVM0014064	LG15	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0001685	LG15	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0001781	LG15	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0017788	LG15	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0010332	LG15	probable RNA-binding protein	1.039272	0.000145	not DE	not DE
EVM0007274	LG15	probable beta-1,4-xylosyltra	not DE	not DE	not DE	not DE
EVM0003641	LG15	probable methyltransferase P	not DE	not DE	not DE	not DE
EVM0016671	LG15	probable methyltransferase P	not DE	not DE	not DE	not DE
EVM0011549	LG15	probable pectinesterase/pect	not DE	not DE	not DE	not DE
EVM0012429	LG15	probable phosphoribosylformy	not DE	not DE	not DE	not DE
EVM0007774	LG15	probable pre-mRNA-splicing f	not DE	not DE	not DE	not DE
EVM0004818	LG15	probable protein arginine N-	not DE	not DE	-1.1011	0.01725
EVM0023682	LG15	probable protein phosphatase	not DE	not DE	not DE	not DE
EVM0018215	LG15	probable sodium/metabolite c	not DE	not DE	not DE	not DE
EVM0008812	LG15	probable ubiquitin-conjugati	not DE	not DE	not DE	not DE
EVM0002643	LG15	probable xyloglucan endotran	not DE	not DE	not DE	not DE
EVM0005021	LG15	protein AATF-like	not DE	not DE	not DE	not DE
EVM0003885	LG15	protein FIZZY-RELATED 3-like	not DE	not DE	not DE	not DE
EVM0017500	LG15	protein GUCD1-like isoform X	not DE	not DE	not DE	not DE
EVM0023143	LG15	protein LATERAL ROOT PRIMORD	not DE	not DE	not DE	not DE
EVM0001563	LG15	protein LURP-one-related 14	not DE	not DE	not DE	not DE
EVM0006547	LG15	protein MID1-COMPLEMENTING A	not DE	not DE	not DE	not DE
EVM0000157	LG15	protein MIZU-KUSSEI 1-like	not DE	not DE	not DE	not DE
EVM0017409	LG15	protein ROOT PRIMORDIUM DEFE	not DE	not DE	not DE	not DE
EVM0019503	LG15	protein ROOT PRIMORDIUM DEFE	not DE	not DE	not DE	not DE
EVM0005059	LG15	protein SRG1-like	not DE	not DE	not DE	not DE
EVM0003856	LG15	protein YLS7-like	not DE	not DE	not DE	not DE
EVM0021685	LG15	protein YLS7-like	not DE	not DE	not DE	not DE
EVM0009828	LG15	protein kinase APK1A, chloro	not DE	not DE	not DE	not DE
EVM0008295	LG15	protein phosphatase 2C 37-li	2.967241	3.12E-07	not DE	not DE
EVM0012249	LG15	pullulanase 1, chloroplastid	not DE	not DE	not DE	not DE
EVM0019233	LG15	pumilio homolog 1-like	not DE	not DE	not DE	not DE
EVM0000365	LG15	putative DEAD-box ATP-depend	not DE	not DE	not DE	not DE
EVM0007194	LG15	putative disease resistance	not DE	not DE	not DE	not DE
EVM0005832	LG15	putative leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0004214	LG15	putative receptor-like prote	not DE	not DE	not DE	not DE
EVM0013553	LG15	putative receptor-like prote	not DE	not DE	not DE	not DE
EVM0017537	LG15	putative receptor-like prote	not DE	not DE	not DE	not DE
EVM0001027	LG15	quinone oxidoreductase-like	not DE	not DE	not DE	not DE
EVM0001298	LG15	rRNA biogenesis protein rrp3	not DE	not DE	not DE	not DE
EVM0015352	LG15	rab9 effector protein with k	not DE	not DE	not DE	not DE
EVM0000332	LG15	ras-related protein RABF1	not DE	not DE	not DE	not DE
EVM0010001	LG15	reactive oxygen species modu	not DE	not DE	not DE	not DE
EVM0005366	LG15	regulator of nonsense transcr	not DE	not DE	not DE	not DE
EVM0012555	LG15	retinoblastoma-related prote	not DE	not DE	not DE	not DE
EVM0024085	LG15	retinoblastoma-related prote	not DE	not DE	not DE	not DE

EVM0016859	LG15	ribosome biogenesis protein	not DE	not DE	not DE	not DE
EVM0011688	LG15	shugoshin-1-like isoform X2	not DE	not DE	not DE	not DE
EVM0014212	LG15	sister chromatid cohesion 1	not DE	not DE	not DE	not DE
EVM0019568	LG15	sister chromatid cohesion 1	not DE	not DE	not DE	not DE
EVM0011193	LG15	subtilisin-like protease-like	not DE	not DE	2.460369	0.00389
EVM0022733	LG15	syntaxin-31-like isoform X2	not DE	not DE	not DE	not DE
EVM0024166	LG15	tRNA (guanine(26)-N(2))-dime	not DE	not DE	not DE	not DE
EVM0017833	LG15	telomere repeat-binding prot	not DE	not DE	not DE	not DE
EVM0004242	LG15	transcription factor GAMYB-l	not DE	not DE	not DE	not DE
EVM0019300	LG15	transcription factor GTE1-li	not DE	not DE	not DE	not DE
EVM0010931	LG15	transcription repressor OFP1	not DE	not DE	not DE	not DE
EVM0013769	LG15	transcription repressor OFP1	not DE	not DE	not DE	not DE
EVM0018733	LG15	transcriptional activator DE	not DE	not DE	not DE	not DE
EVM0010481	LG15	trichohyalin-like	not DE	not DE	not DE	not DE
EVM0019375	LG15	triosephosphate isomerase, c	not DE	not DE	not DE	not DE
EVM0010710	LG15	two-component response regul	not DE	not DE	not DE	not DE
EVM0008569	LG15	type I inositol 1,4,5-trisph	not DE	not DE	not DE	not DE
EVM0011727	LG15	tyrosine--tRNA ligase, cytop	not DE	not DE	not DE	not DE
EVM0016973	LG15	ubiquinol-cytochrome c reduc	not DE	not DE	not DE	not DE
EVM0014590	LG15	ubiquitin carboxyl-terminal	not DE	not DE	not DE	not DE
EVM0008839	LG15	ubiquitin-like protein 5	not DE	not DE	1.631582	#####
EVM0003821	LG15	uncharacterized RING finger	2.323761	0.000248	not DE	not DE
EVM0013549	LG15	uncharacterized protein At3g	not DE	not DE	not DE	not DE
EVM0021000	LG15	uncharacterized protein At3g	not DE	not DE	not DE	not DE
EVM0012820	LG15	uncharacterized protein At4g	not DE	not DE	not DE	not DE
EVM0003616	LG15	uncharacterized protein At5g	not DE	not DE	not DE	not DE
EVM0010531	LG15	uncharacterized protein DDB_	not DE	not DE	not DE	not DE
EVM0003597	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019690	LG15	uncharacterized protein LOC1	1.269917	0.02504	not DE	not DE
EVM0001852	LG15	uncharacterized protein LOC1	not DE	not DE	-1.28697	#####
EVM0017926	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008052	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011487	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014823	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021820	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019278	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007986	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008547	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001070	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004647	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012410	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021472	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017871	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022814	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020121	LG15	uncharacterized protein LOC1	not DE	not DE	1.238246	0.00432
EVM0023671	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011385	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019358	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014446	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015203	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021056	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016851	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005456	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004816	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE



EVM0019451	LG15	uncharacterized protein LOC1	not DE	not DE	-1.26794	#####
EVM0001836	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010786	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017444	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007170	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014604	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016727	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002849	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017922	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006618	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005466	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013037	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004867	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012347	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012947	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015582	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015924	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015316	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017380	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012348	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004525	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007342	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006617	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009986	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016379	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019517	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018645	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000603	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010838	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008028	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019906	LG15	uncharacterized protein LOC1	1.581602	0.018838	not DE	not DE
EVM0004284	LG15	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015730	LG15	uncharacterized transmembran	not DE	not DE	-1.00224	0.00084
EVM0010191	LG15	vesicle transport protein SE	not DE	not DE	not DE	not DE
EVM0008901	LG15	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0013636	LG15	wound-induced protein 1-like	-1.50673	0.012416	not DE	not DE
EVM0000477	LG15	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0016689	LG15	2-oxoglutarate and Fe(II)-dep	not DE	not DE	not DE	not DE
EVM0000739	LG15	30S ribosomal protein S8, put	not DE	not DE	not DE	not DE
EVM0004176	LG15	60S ribosomal protein L35aA	not DE	not DE	not DE	not DE
EVM0003073	LG15	ABC2	not DE	not DE	not DE	not DE
EVM0011911	LG15	ADP-ribosylation factor famil	not DE	not DE	not DE	not DE
EVM0005077	LG15	AP2/ERF domain-containing tra	not DE	not DE	not DE	not DE
EVM0008304	LG15	AP2/ERF transcription factor	3.034295	0.001567	not DE	not DE
EVM0013737	LG15	ARM repeat superfamily protei	not DE	not DE	not DE	not DE
EVM0005536	LG15	ARM repeat superfamily protei	not DE	not DE	not DE	not DE
EVM0002095	LG15	ASH1-related protein 2, putat	not DE	not DE	not DE	not DE
EVM0024351	LG15	AT-hook protein of GA feedbac	not DE	not DE	not DE	not DE
EVM0008294	LG15	Aspartic proteinase nepenthes	not DE	not DE	not DE	not DE
EVM0004789	LG15	Beta-galactosidase	not DE	not DE	not DE	not DE
EVM0003893	LG15	Biotin/lipoyl attachment doma	not DE	not DE	not DE	not DE
EVM0003959	LG15	C2H2 and C2HC zinc fingers su	not DE	not DE	not DE	not DE
EVM0013719	LG15	C2H2 and C2HC zinc fingers su	not DE	not DE	not DE	not DE
EVM0016876	LG15	C2H2 and C2HC zinc fingers su	not DE	not DE	not DE	not DE

EVM0009912	LG15	C2H2-type zinc finger family	not DE	not DE	not DE	not DE
EVM0001848	LG15	C2H2-type zinc finger protein	not DE	not DE	not DE	not DE
EVM0013186	LG15	CI small heat shock protein 2	-3.05811	0.000226	-1.55546	#####
EVM0013101	LG15	Calcium-dependent ARF-type GTP	not DE	not DE	not DE	not DE
EVM0014708	LG15	Calcium-dependent ARF-type GTP	not DE	not DE	not DE	not DE
EVM0012943	LG15	Chlorophyll a-b binding protein	not DE	not DE	1.881593	0.00085
EVM0017206	LG15	Crooked neck-like protein 1	not DE	not DE	not DE	not DE
EVM0002529	LG15	Cytoplasmic tRNA 2-thiolation	not DE	not DE	not DE	not DE
EVM0023258	LG15	DNA-directed RNA polymerase I	not DE	not DE	not DE	not DE
EVM0009635	LG15	DNA-directed RNA polymerase I	2.178174	0.000421	not DE	not DE
EVM0016050	LG15	DNA-directed RNA polymerase II	not DE	not DE	not DE	not DE
EVM0002275	LG15	DNA/RNA polymerases superfamily	not DE	not DE	not DE	not DE
EVM0007478	LG15	Double Clp-N motif-containing	not DE	not DE	not DE	not DE
EVM0017139	LG15	Elongation factor 1-alpha	not DE	not DE	not DE	not DE
EVM0022507	LG15	Elongation factor 1-alpha	not DE	not DE	not DE	not DE
EVM0017802	LG15	Emb:CAB81597.1	not DE	not DE	not DE	not DE
EVM0002344	LG15	Expansin A4, ALPHA 1.6, EXPA4	not DE	not DE	not DE	not DE
EVM0019496	LG15	F-box family protein, putative	not DE	not DE	not DE	not DE
EVM0022660	LG15	FAD-dependent oxidoreductase	not DE	not DE	not DE	not DE
EVM0000297	LG15	Gb:AAB97010.1 isoform 2	not DE	not DE	not DE	not DE
EVM0012075	LG15	Integrase-type DNA-binding sub	not DE	not DE	not DE	not DE
EVM0014043	LG15	Kinase superfamily protein	not DE	not DE	not DE	not DE
EVM0002373	LG15	LOB domain-containing protein	not DE	not DE	not DE	not DE
EVM0020656	LG15	LYR family of Fe/S cluster bin	not DE	not DE	not DE	not DE
EVM0006219	LG15	Leucine-rich repeat protein k	not DE	not DE	not DE	not DE
EVM0005056	LG15	Lysine histidine transporter	not DE	not DE	not DE	not DE
EVM0017345	LG15	MATE efflux family protein is	not DE	not DE	not DE	not DE
EVM0002248	LG15	Major facilitator superfamily	not DE	not DE	not DE	not DE
EVM0023770	LG15	Major facilitator superfamily	not DE	not DE	2.684163	#####
EVM0006749	LG15	Metal tolerance 5	not DE	not DE	not DE	not DE
EVM0018473	LG15	Metal tolerance 5	not DE	not DE	not DE	not DE
EVM0002224	LG15	Methyl esterase 17	not DE	not DE	not DE	not DE
EVM0009485	LG15	NAD(P)-binding Rossmann-fold	not DE	not DE	1.664226	0.00432
EVM0003169	LG15	NADPH:QUINONE OXIDOREDUCTASE	not DE	not DE	not DE	not DE
EVM0023754	LG15	NADPH:quinone oxidoreductase	not DE	not DE	not DE	not DE
EVM0010949	LG15	Nascent polypeptide-associate	not DE	not DE	not DE	not DE
EVM0016643	LG15	Nascent polypeptide-associate	not DE	not DE	not DE	not DE
EVM0014951	LG15	Nine-cis-epoxycarotenoid diox	not DE	not DE	not DE	not DE
EVM0023983	LG15	Nucleic acid binding protein,	not DE	not DE	not DE	not DE
EVM0002926	LG15	Nucleotide-diphospho-sugar tr	not DE	not DE	not DE	not DE
EVM0014501	LG15	Nudix hydrolase	not DE	not DE	not DE	not DE
EVM0006413	LG15	Nudix hydrolase 13, mitochond	not DE	not DE	not DE	not DE
EVM0022319	LG15	PATATIN-like protein 6, IIB	1.172754	0.004541	not DE	not DE
EVM0010018	LG15	PLAC8 family protein	not DE	not DE	not DE	not DE
EVM0020149	LG15	Pentatricopeptide repeat-cont	not DE	not DE	not DE	not DE
EVM0018313	LG15	Peptide-N4-(N-acetyl-beta-glu	not DE	not DE	not DE	not DE
EVM0020734	LG15	Peptide-N4-(N-acetyl-beta-glu	not DE	not DE	not DE	not DE
EVM0006539	LG15	Protein FAM96B, putative	not DE	not DE	not DE	not DE
EVM0015016	LG15	Protein FAM96B, putative	not DE	not DE	not DE	not DE
EVM0022778	LG15	Pseudouridine synthase family	not DE	not DE	not DE	not DE
EVM0010403	LG15	Pyruvate kinase family protei	not DE	not DE	not DE	not DE
EVM0015301	LG15	RING-H2 finger protein ATL2G	not DE	not DE	not DE	not DE
EVM0024189	LG15	RING-H2 finger protein ATL2G	not DE	not DE	not DE	not DE
EVM0019519	LG15	RNI-like superfamily protein	not DE	not DE	not DE	not DE

EVM0013174	LG15	RecName: Full=Beta-amyrin syn	not DE	not DE	not DE	not DE
EVM0003475	LG15	Receptor-like protein kinase	not DE	not DE	not DE	not DE
EVM0023405	LG15	Receptor-like protein kinase	not DE	not DE	not DE	not DE
EVM0009939	LG15	Regulator of chromosome conde	-3.4961	1.13E-10	-1.06896	0.03103
EVM0010434	LG15	Respiratory burst oxidase D	not DE	not DE	not DE	not DE
EVM0006597	LG15	S-adenosyl-L-methionine-depen	not DE	not DE	not DE	not DE
EVM0015954	LG15	S-adenosyl-L-methionine-depen	not DE	not DE	not DE	not DE
EVM0018814	LG15	SEC14 cytosolic factor family	not DE	not DE	not DE	not DE
EVM0008006	LG15	Sec14p-like phosphatidylinosi	not DE	not DE	not DE	not DE
EVM0017817	LG15	Sedoheptulose-bisphosphatase	not DE	not DE	not DE	not DE
EVM0008579	LG15	Serine/arginine-rich splicing	not DE	not DE	not DE	not DE
EVM0013601	LG15	Serine/arginine-rich splicing	not DE	not DE	not DE	not DE
EVM0021957	LG15	Single-stranded nucleic acid	not DE	not DE	not DE	not DE
EVM0001858	LG15	Small basic intrinsic protein	not DE	not DE	2.084113	#####
EVM0004580	LG15	Small basic intrinsic protein	not DE	not DE	not DE	not DE
EVM0005269	LG15	Sulfotransferase 2A	not DE	not DE	not DE	not DE
EVM0018365	LG15	Synaptic glycoprotein SC2, pu	not DE	not DE	not DE	not DE
EVM0020565	LG15	Synaptic glycoprotein SC2, pu	not DE	not DE	not DE	not DE
EVM0010031	LG15	TPA: TPA_exp: caffeine syntha	not DE	not DE	not DE	not DE
EVM0013260	LG15	Tetratricopeptide repeat-like	1.666976	0.002165	not DE	not DE
EVM0019207	LG15	Transcription elongation fact	not DE	not DE	not DE	not DE
EVM0019602	LG15	Transcription factor bHLH61 i	not DE	not DE	2.76043	0.00089
EVM0011924	LG15	Transducin/WD40 repeat-like s	not DE	not DE	not DE	not DE
EVM0013314	LG15	Transferrin-like protein isof	not DE	not DE	not DE	not DE
EVM0020971	LG15	Translocase of the outer mito	not DE	not DE	not DE	not DE
EVM0002634	LG15	Transmembrane amino acid tran	3.697176	0.006023	not DE	not DE
EVM0010418	LG15	Two-component response regula	not DE	not DE	not DE	not DE
EVM0012845	LG15	Two-component response regula	not DE	not DE	not DE	not DE
EVM0003652	LG15	Type one serine/threonine prom	not DE	not DE	not DE	not DE
EVM0023451	LG15	Tyrosyl-tRNA synthetase, clas	not DE	not DE	not DE	not DE
EVM0017753	LG15	U2 small nuclear ribonucleopr	not DE	not DE	not DE	not DE
EVM0006921	LG15	Ubiquitin-conjugating enzyme	not DE	not DE	not DE	not DE
EVM0015029	LG15	Ubiquitin-conjugating enzyme	not DE	not DE	not DE	not DE
EVM0018290	LG15	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0019457	LG15	Uncharacterized protein TCM_C	not DE	not DE	1.682706	0.0186
EVM0024143	LG15	Uncharacterized protein TCM_C	-1.61796	0.000241	not DE	not DE
EVM0007222	LG15	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0004480	LG15	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0007098	LG15	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0006303	LG15	Uncharacterized protein isof	not DE	not DE	not DE	not DE
EVM0010172	LG15	Uncharacterized protein isof	not DE	not DE	not DE	not DE
EVM0002838	LG15	Vacuolar protein sorting prot	not DE	not DE	not DE	not DE
EVM0004535	LG15	WD repeat domain phosphoinosi	not DE	not DE	not DE	not DE
EVM0014861	LG15	WPP domain-associated protein	not DE	not DE	not DE	not DE
EVM0002771	LG15	WRKY transcription factor 70	not DE	not DE	not DE	not DE
EVM0001104	LG15	XH/XS domain-containing prote	not DE	not DE	not DE	not DE
EVM0022112	LG15	Zeamatin precursor, putative	not DE	not DE	not DE	not DE
EVM0000363	LG15	Zinc finger family protein is	not DE	not DE	not DE	not DE
EVM0020938	LG15	Zinc induced facilitator-like	1.679737	0.030451	not DE	not DE
EVM0007471	LG15	acyl carrier protein, putativ	not DE	not DE	not DE	not DE
EVM0011140	LG15	adenosine kinase, putative	not DE	not DE	not DE	not DE
EVM0001431	LG15	arsenical pump-driving atpase	not DE	not DE	not DE	not DE
EVM0007475	LG15	basic leucine zipper protein	not DE	not DE	not DE	not DE
EVM0014793	LG15	caffeine synthase, partial	not DE	not DE	not DE	not DE

EVM0015596	LG15	catalytic, putative	not DE	not DE	not DE	not DE
EVM0003154	LG15	ccaat-binding transcription f	not DE	not DE	not DE	not DE
EVM0010827	LG15	chalcone isomerase	not DE	not DE	not DE	not DE
EVM0018483	LG15	chalcone synthase	not DE	not DE	not DE	not DE
EVM0012649	LG15	chlorophyll(ide) b reductase	not DE	not DE	not DE	not DE
EVM0010517	LG15	chloroplast ribulose-1,5-bisph	-1.93407	1.33E-06	not DE	not DE
EVM0000954	LG15	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0001226	LG15	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0003004	LG15	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0003492	LG15	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0013124	LG15	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0014456	LG15	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0016756	LG15	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0017315	LG15	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0018137	LG15	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0019861	LG15	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0024216	LG15	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0006891	LG15	cystathionine beta-lyase, par	not DE	not DE	not DE	not DE
EVM0021577	LG15	cytochrome p450 51 family pro	not DE	not DE	not DE	not DE
EVM0008403	LG15	early flowering 6	not DE	not DE	not DE	not DE
EVM0005732	LG15	esterase/lipase/thioesterase	not DE	not DE	not DE	not DE
EVM0018239	LG15	expansin 3	not DE	not DE	not DE	not DE
EVM0012162	LG15	fasciclin-like arabinogalacta	not DE	not DE	not DE	not DE
EVM0020151	LG15	fatty acid desaturase	not DE	not DE	not DE	not DE
EVM0009374	LG15	flowering locus D-a	not DE	not DE	not DE	not DE
EVM0004307	LG15	gag-pol polyprotein	not DE	not DE	not DE	not DE
EVM0015963	LG15	gag/pol protein	not DE	not DE	not DE	not DE
EVM0004146	LG15	glutamate receptor 2 plant, p	not DE	not DE	not DE	not DE
EVM0012355	LG15	glutamate receptor 2 plant, p	not DE	not DE	not DE	not DE
EVM0013310	LG15	glycine-rich RNA-binding fami	1.441817	0.000743	not DE	not DE
EVM0002322	LG15	heat shock protein 70	not DE	not DE	not DE	not DE
EVM0018355	LG15	heat shock protein 70	-3.49536	0.008257	not DE	not DE
EVM0004159	LG15	hypothetical protein AMTR_s05	not DE	not DE	not DE	not DE
EVM0011058	LG15	hypothetical protein CARUB_vl	not DE	not DE	not DE	not DE
EVM0010600	LG15	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0012064	LG15	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0002394	LG15	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0023704	LG15	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0015437	LG15	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0023477	LG15	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0001663	LG15	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0004951	LG15	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0001768	LG15	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0004045	LG15	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0005504	LG15	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0006264	LG15	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0014315	LG15	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0019809	LG15	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0021152	LG15	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0002566	LG15	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0009964	LG15	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0014290	LG15	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0006437	LG15	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0009582	LG15	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE

EVM0010795	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019594	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021471	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017676	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001999	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006411	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019097	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019486	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007022	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022792	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018301	LG15	hypothetical protein CICLE_v1	not DE	not DE	1.394291	0.00289
EVM0012875	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021361	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011431	LG15	hypothetical protein CICLE_v1	-1.25246	0.014896	not DE	not DE
EVM0016935	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000734	LG15	hypothetical protein CICLE_v1	-1.54064	1.85E-06	not DE	not DE
EVM0014286	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002005	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002052	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018467	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008503	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005427	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019364	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022489	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014267	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020927	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018519	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016153	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005204	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015903	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016260	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016705	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003773	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013706	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008042	LG15	hypothetical protein CICLE_v1	not DE	not DE	-2.81107	0.03951
EVM0008668	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008624	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017467	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013121	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000030	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001034	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011966	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002847	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024374	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021574	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009214	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021680	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023792	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003014	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011848	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005706	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017878	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000937	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015930	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0021404	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019711	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020123	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000447	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002977	LG15	hypothetical protein CICLE_v1	3.465891	7.45E-10	not DE	not DE
EVM0022868	LG15	hypothetical protein CICLE_v1	1.302391	0.009392	1.38313	0.01357
EVM0016473	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013353	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019838	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023300	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002586	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020764	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023990	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000743	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008576	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019438	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017636	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014386	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003558	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010360	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017314	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021123	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006978	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007306	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020341	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009387	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024170	LG15	hypothetical protein CICLE_v1	not DE	not DE	1.162093	0.03337
EVM0009202	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007851	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003013	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024173	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002317	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003438	LG15	hypothetical protein CICLE_v1	1.195668	0.005408	not DE	not DE
EVM0018409	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023938	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016381	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014834	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007505	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000534	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005007	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016003	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022235	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014872	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001622	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020437	LG15	hypothetical protein CICLE_v1	not DE	not DE	-1.01728	0.00015
EVM0008085	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002833	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018428	LG15	hypothetical protein CICLE_v1	not DE	not DE	-1.27051	0.00264
EVM0023877	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012767	LG15	hypothetical protein CICLE_v1	-1.34605	0.001167	not DE	not DE
EVM0006357	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019813	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015246	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011332	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0001807	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010366	LG15	hypothetical protein CICLE_v1	-1.12045	0.02219	-1.16354	0.00798
EVM0006852	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022760	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005994	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000695	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016766	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008072	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006863	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012397	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013061	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000975	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014841	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014027	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009592	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001631	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021662	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009968	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006742	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009133	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002278	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018274	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008456	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020347	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023703	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012627	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024101	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024505	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004237	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016076	LG15	hypothetical protein CICLE_v1	not DE	not DE	-1.0117	0.04676
EVM0018714	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018104	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024295	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020427	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006134	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006559	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016439	LG15	hypothetical protein CICLE_v1	2.055555	0.002983	not DE	not DE
EVM0006453	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017450	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007364	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017459	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007178	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020762	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017072	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015165	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011689	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016553	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006425	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024275	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017548	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020703	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017728	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020124	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005495	LG15	hypothetical protein CICLE_v1	1.913344	0.025041	not DE	not DE

EVM0011684	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010381	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017283	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017680	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019851	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018741	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008525	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014056	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006182	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013933	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001063	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008044	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000126	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003626	LG15	hypothetical protein CICLE_v1	not DE	not DE	-2.12614	#####
EVM0015750	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008949	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010526	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007029	LG15	hypothetical protein CICLE_v1	3.720104	6.26E-05	not DE	not DE
EVM0014864	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023743	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013469	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010190	LG15	hypothetical protein CICLE_v1	1.96482	0.006602	not DE	not DE
EVM0014786	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015489	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020720	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017506	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018485	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006381	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003079	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001717	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005550	LG15	hypothetical protein CICLE_v1	-1.82079	0.011538	not DE	not DE
EVM0013693	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005443	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004435	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023031	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019522	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014862	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006247	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007863	LG15	hypothetical protein CICLE_v1	not DE	not DE	1.71591	0.01096
EVM0024156	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011949	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023916	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002151	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020743	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010223	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012105	LG15	hypothetical protein CICLE_v1	2.377184	0.023003	not DE	not DE
EVM0023067	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024230	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015039	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008729	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002049	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009076	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008934	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014490	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE



EVM0015026	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010911	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019603	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011937	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019302	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015847	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004601	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012738	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008389	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014512	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009489	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016435	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019029	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010685	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002825	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003320	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005452	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013455	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009985	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014720	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017528	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005757	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005790	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024130	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018089	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020125	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008346	LG15	hypothetical protein CICLE_v1	2.376296	0.017973	not DE	not DE
EVM0009928	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012462	LG15	hypothetical protein CICLE_v1	not DE	not DE	1.076188	0.00167
EVM0004122	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017435	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002469	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009951	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014450	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015658	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020044	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011878	LG15	hypothetical protein CICLE_v1	not DE	not DE	1.637399	0.00935
EVM0010728	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012378	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004013	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007412	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018942	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013604	LG15	hypothetical protein CICLE_v1	-2.91294	0.000117	not DE	not DE
EVM0004432	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013235	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012469	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005211	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015376	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013804	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009810	LG15	hypothetical protein CICLE_v1	-1.04427	5.81E-05	not DE	not DE
EVM0003365	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013385	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022438	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004144	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0019610	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008618	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001650	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004281	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010813	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012763	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016799	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017674	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001166	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009347	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001757	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005557	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012185	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020779	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012130	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005449	LG15	hypothetical protein CICLE_v1	not DE	not DE	4.13144	0.00373
EVM0011155	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008674	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024304	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005566	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017050	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016514	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007527	LG15	hypothetical protein CICLE_v1	not DE	not DE	1.089716	#####
EVM0002603	LG15	hypothetical protein CICLE_v1	3.948631	0.00066	1.73447	0.03711
EVM0019361	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021345	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012467	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004181	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012517	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007242	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012294	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017647	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015608	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000898	LG15	hypothetical protein CICLE_v1	1.721651	0.027153	not DE	not DE
EVM0005364	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021833	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004344	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016636	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003868	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007044	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009692	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010003	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014726	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023382	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024533	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024635	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005433	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017198	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017854	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003459	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014465	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002000	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000618	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009343	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0012256	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004982	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019462	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015289	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020953	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008431	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016475	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007972	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016207	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020512	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020924	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001382	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008908	LG15	hypothetical protein CICLE_v1	3.702949	0.004105	not DE	not DE
EVM0011743	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002161	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014016	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018373	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022473	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017425	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010491	LG15	hypothetical protein CICLE_v1	-2.93387	0.000152	not DE	not DE
EVM0019108	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011927	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023298	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021533	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003767	LG15	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016579	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007673	LG15	hypothetical protein CISIN_1g	not DE	not DE	-1.28241	0.00507
EVM0007127	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005349	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007095	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006193	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023852	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013366	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004659	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010107	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013688	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011317	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020595	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006181	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017918	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014055	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009007	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009120	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010863	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007357	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011407	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003670	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021783	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012607	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000605	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024029	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017150	LG15	hypothetical protein CISIN_1g	1.03946	0.012165	not DE	not DE
EVM0023890	LG15	hypothetical protein CISIN_1g	not DE	not DE	-1.23589	0.00504
EVM0021086	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0021744	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012774	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003065	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003954	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014952	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007501	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001186	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010713	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013805	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024335	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021611	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005319	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004598	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015009	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009151	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012236	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021279	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000203	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017095	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000167	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004037	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023857	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021907	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001393	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015177	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008849	LG15	hypothetical protein CISIN_1g	1.354528	1.27E-05	not DE	not DE
EVM0000544	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013628	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015908	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003121	LG15	hypothetical protein CISIN_1g	-1.08007	0.015443	not DE	not DE
EVM0009575	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016638	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000795	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005141	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021289	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009259	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015251	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014282	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021089	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000425	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008715	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010258	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017347	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021284	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023752	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000823	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023669	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012550	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001670	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001595	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005986	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007812	LG15	hypothetical protein CISIN_1g	not DE	not DE	2.338152	0.00071
EVM0000627	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012942	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0012988	LG15	hypothetical protein CISIN_1g	-2.15239	0.015153	not DE	not DE
EVM0010945	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011500	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002614	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004977	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006196	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013349	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010168	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011447	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002903	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008531	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019881	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009355	LG15	hypothetical protein CISIN_1g	not DE	not DE	1.077391	#####
EVM0002920	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007110	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010907	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006962	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023262	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022834	LG15	hypothetical protein CISIN_1g	not DE	not DE	1.604545	0.00072
EVM0018754	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016450	LG15	hypothetical protein CISIN_1g	-1.21293	0.001266	not DE	not DE
EVM0003985	LG15	hypothetical protein CISIN_1g	not DE	not DE	1.829002	0.00018
EVM0009381	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011289	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002620	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001242	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000281	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015629	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002978	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009773	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008684	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024107	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023273	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012529	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022011	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008462	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003119	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020380	LG15	hypothetical protein CISIN_1g	1.045371	0.014386	not DE	not DE
EVM0012751	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002037	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001469	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016703	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014176	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009433	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010538	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004655	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023850	LG15	hypothetical protein CISIN_1g	1.335219	0.018491	not DE	not DE
EVM0022877	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021371	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001275	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008019	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003758	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018308	LG15	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000888	LG15	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE

EVM0020378	LG15	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0016672	LG15	hypothetical protein F383_131	not DE	not DE	not DE	not DE
EVM0014170	LG15	hypothetical protein JCGZ_011	2.674597	0.000915	not DE	not DE
EVM0000172	LG15	hypothetical protein JCGZ_012	not DE	not DE	not DE	not DE
EVM0003648	LG15	hypothetical protein JCGZ_012	not DE	not DE	not DE	not DE
EVM0004625	LG15	hypothetical protein JCGZ_013	not DE	not DE	not DE	not DE
EVM0018060	LG15	hypothetical protein JCGZ_013	not DE	not DE	not DE	not DE
EVM0009084	LG15	hypothetical protein JCGZ_014	2.187411	6.71E-08	not DE	not DE
EVM0001400	LG15	hypothetical protein JCGZ_014	not DE	not DE	not DE	not DE
EVM0005033	LG15	hypothetical protein JCGZ_014	not DE	not DE	not DE	not DE
EVM0009895	LG15	hypothetical protein JCGZ_014	not DE	not DE	-1.24395	0.02804
EVM0016755	LG15	hypothetical protein JCGZ_014	not DE	not DE	not DE	not DE
EVM0020817	LG15	hypothetical protein JCGZ_014	not DE	not DE	not DE	not DE
EVM0010212	LG15	hypothetical protein JCGZ_014	not DE	not DE	not DE	not DE
EVM0020297	LG15	hypothetical protein JCGZ_033	not DE	not DE	not DE	not DE
EVM0003372	LG15	hypothetical protein JCGZ_060	not DE	not DE	not DE	not DE
EVM0005657	LG15	hypothetical protein JCGZ_066	not DE	not DE	not DE	not DE
EVM0006014	LG15	hypothetical protein JCGZ_066	not DE	not DE	not DE	not DE
EVM0015416	LG15	hypothetical protein JCGZ_119	not DE	not DE	not DE	not DE
EVM0017752	LG15	hypothetical protein JCGZ_145	not DE	not DE	not DE	not DE
EVM0013698	LG15	hypothetical protein JCGZ_153	not DE	not DE	not DE	not DE
EVM0019192	LG15	hypothetical protein JCGZ_153	not DE	not DE	not DE	not DE
EVM0002901	LG15	hypothetical protein JCGZ_166	not DE	not DE	not DE	not DE
EVM0015031	LG15	hypothetical protein JCGZ_166	not DE	not DE	not DE	not DE
EVM0020107	LG15	hypothetical protein JCGZ_172	not DE	not DE	1.18809	#####
EVM0019645	LG15	hypothetical protein JCGZ_184	not DE	not DE	not DE	not DE
EVM0013704	LG15	hypothetical protein JCGZ_184	not DE	not DE	-1.06625	0.03995
EVM0009000	LG15	hypothetical protein JCGZ_189	not DE	not DE	not DE	not DE
EVM0005827	LG15	hypothetical protein JCGZ_194	not DE	not DE	not DE	not DE
EVM0000914	LG15	hypothetical protein JCGZ_200	not DE	not DE	not DE	not DE
EVM0018739	LG15	hypothetical protein JCGZ_200	not DE	not DE	not DE	not DE
EVM0005202	LG15	hypothetical protein JCGZ_206	not DE	not DE	not DE	not DE
EVM0008009	LG15	hypothetical protein JCGZ_207	not DE	not DE	not DE	not DE
EVM0018491	LG15	hypothetical protein JCGZ_209	not DE	not DE	not DE	not DE
EVM0009677	LG15	hypothetical protein JCGZ_239	not DE	not DE	not DE	not DE
EVM0021205	LG15	hypothetical protein JCGZ_245	not DE	not DE	not DE	not DE
EVM0016676	LG15	hypothetical protein JCGZ_245	not DE	not DE	not DE	not DE
EVM0017518	LG15	hypothetical protein JCGZ_245	not DE	not DE	not DE	not DE
EVM0011515	LG15	hypothetical protein JCGZ_245	not DE	not DE	not DE	not DE
EVM0012552	LG15	hypothetical protein JCGZ_245	not DE	not DE	not DE	not DE
EVM0003924	LG15	hypothetical protein L484_000	not DE	not DE	not DE	not DE
EVM0024614	LG15	hypothetical protein L484_002	2.347838	0.033371	not DE	not DE
EVM0006203	LG15	hypothetical protein L484_013	not DE	not DE	not DE	not DE
EVM0001774	LG15	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0021134	LG15	hypothetical protein PHAVU_00	not DE	not DE	1.075724	#####
EVM0016363	LG15	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0017769	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0022265	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010427	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0008734	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0021432	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0001605	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0013192	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0015628	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE

EVM0017698	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002481	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0011934	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019558	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0007713	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0016902	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0012918	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023817	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019046	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020360	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0005413	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0008714	LG15	hypothetical protein POPTR_00	not DE	not DE	1.304198	#####
EVM0006295	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000306	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0013985	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0017812	LG15	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0014801	LG15	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0017235	LG15	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0012043	LG15	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0013730	LG15	hypothetical protein PRUPE_pp	-1.10992	0.012049	not DE	not DE
EVM0003541	LG15	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0008575	LG15	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0015867	LG15	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0022889	LG15	hypothetical protein PRUPE_pp	not DE	not DE	1.481156	0.00046
EVM0008139	LG15	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0013675	LG15	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0014784	LG15	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0015821	LG15	hypothetical protein PRUPE_pp	not DE	not DE	2.224252	0.00041
EVM0018768	LG15	hypothetical protein PRUPE_pp	not DE	not DE	3.322953	0.01412
EVM0023639	LG15	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0002309	LG15	hypothetical protein RCOM_068	not DE	not DE	not DE	not DE
EVM0001454	LG15	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0021143	LG15	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0012743	LG15	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0020344	LG15	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0000728	LG15	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0011543	LG15	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0001291	LG15	hypothetical protein glysoja_	not DE	not DE	not DE	not DE
EVM0017260	LG15	manganese superoxide dismutas	not DE	not DE	not DE	not DE
EVM0021965	LG15	mannose/glucose-specific lect	not DE	not DE	not DE	not DE
EVM0005017	LG15	maternal effect embryo arrest	not DE	not DE	not DE	not DE
EVM0010105	LG15	neutral invertase	not DE	not DE	not DE	not DE
EVM0006788	LG15	nuclease isoform 2	not DE	not DE	not DE	not DE
EVM0015602	LG15	peptidyl-prolyl cis-trans isom	not DE	not DE	1.129669	0.00404
EVM0016045	LG15	peptidyl-prolyl cis-trans isom	not DE	not DE	not DE	not DE
EVM0007244	LG15	peroxidase 1	not DE	not DE	not DE	not DE
EVM0007725	LG15	phenylalanine ammonia-lyase	not DE	not DE	not DE	not DE
EVM0005369	LG15	putative 26S proteasome non-A	not DE	not DE	not DE	not DE
EVM0004565	LG15	putative aquaporin	not DE	not DE	not DE	not DE
EVM0002239	LG15	putative methyltransferase PM	not DE	not DE	not DE	not DE
EVM0000525	LG15	quinone oxidoreductase -like	not DE	not DE	not DE	not DE
EVM0010065	LG15	receptor serine-threonine pro	not DE	not DE	not DE	not DE
EVM0003511	LG15	serine-threonine protein kin	not DE	not DE	not DE	not DE
EVM0021731	LG15	small nuclear ribonucleoprote	not DE	not DE	not DE	not DE

EVM0005229	LG15	transaldolase	not DE	not DE	not DE	not DE
EVM0008667	LG15	transcription factor, putative	not DE	not DE	not DE	not DE
EVM0001985	LG15	tryptophan biosynthesis protein	not DE	not DE	1.786447	#####
EVM0018712	LG15	ubiquinol-cytochrome C reductase	not DE	not DE	not DE	not DE
EVM0008795	LG15	uncharacterized protein LOC100286511	not DE	not DE	not DE	not DE
EVM0022899	LG15	uncharacterized protein LOC100286511	not DE	not DE	not DE	not DE
EVM0000145	LG15	unknown protein	not DE	not DE	not DE	not DE
EVM0000512	LG15	unknown protein	not DE	not DE	not DE	not DE
EVM0000710	LG15	unknown protein	not DE	not DE	not DE	not DE
EVM0000793	LG15	unknown protein	not DE	not DE	not DE	not DE
EVM0005415	LG15	unknown protein	2.552279	0.006428	not DE	not DE
EVM0009591	LG15	unknown protein	not DE	not DE	not DE	not DE
EVM0009797	LG15	unknown protein	not DE	not DE	not DE	not DE
EVM0010254	LG15	unknown protein	not DE	not DE	not DE	not DE
EVM0010320	LG15	unknown protein	not DE	not DE	not DE	not DE
EVM0011501	LG15	unknown protein	not DE	not DE	not DE	not DE
EVM0016317	LG15	unknown protein	not DE	not DE	not DE	not DE
EVM0018264	LG15	unknown protein	not DE	not DE	not DE	not DE
EVM0020593	LG15	unknown protein	3.737755	0.000619	not DE	not DE
EVM0022283	LG15	unknown protein	not DE	not DE	not DE	not DE
EVM0022872	LG15	unknown protein	not DE	not DE	not DE	not DE
EVM0001510	LG15	unnamed protein product	not DE	not DE	not DE	not DE
EVM0001924	LG15	unnamed protein product	not DE	not DE	not DE	not DE
EVM0002304	LG15	unnamed protein product	not DE	not DE	not DE	not DE
EVM0003653	LG15	unnamed protein product	not DE	not DE	not DE	not DE
EVM0004347	LG15	unnamed protein product	not DE	not DE	not DE	not DE
EVM0005302	LG15	unnamed protein product	not DE	not DE	not DE	not DE
EVM0007096	LG15	unnamed protein product	not DE	not DE	not DE	not DE
EVM0008033	LG15	unnamed protein product	not DE	not DE	not DE	not DE
EVM0010291	LG15	unnamed protein product	not DE	not DE	not DE	not DE
EVM0011519	LG15	unnamed protein product	not DE	not DE	not DE	not DE
EVM0011650	LG15	unnamed protein product	not DE	not DE	not DE	not DE
EVM0012737	LG15	unnamed protein product	not DE	not DE	not DE	not DE
EVM0013247	LG15	unnamed protein product	11.11246	0.037412	not DE	not DE
EVM0013828	LG15	unnamed protein product	not DE	not DE	not DE	not DE
EVM0016713	LG15	unnamed protein product	not DE	not DE	not DE	not DE
EVM0017389	LG15	unnamed protein product	not DE	not DE	not DE	not DE
EVM0018152	LG15	unnamed protein product	not DE	not DE	not DE	not DE
EVM0020298	LG15	unnamed protein product	not DE	not DE	not DE	not DE
EVM0023435	LG15	unnamed protein product	not DE	not DE	not DE	not DE
EVM0000186	LG15	uricase	not DE	not DE	not DE	not DE
EVM0004730	LG15	uricase	not DE	not DE	not DE	not DE
EVM0001005	LG2	(-)-germacrene D synthase	not DE	not DE	not DE	not DE
EVM0006653	LG2	2-C-methyl-D-erythritol 4-phosphate dehydrogenase	not DE	not DE	not DE	not DE
EVM0009469	LG2	2-hydroxyisoflavanone dehydrogenase	not DE	not DE	2.55724	0.00089
EVM0005261	LG2	2-methylbutanal oxime monooxygenase	not DE	not DE	not DE	not DE
EVM0005491	LG2	3-ketoacyl-CoA synthase 4-like	not DE	not DE	not DE	not DE
EVM0020976	LG2	40S ribosomal protein S25-2	not DE	not DE	not DE	not DE
EVM0009550	LG2	5'-methylthioadenosine phosphorylase	not DE	not DE	not DE	not DE
EVM0022744	LG2	52 kDa repressor of the inhibitory sigma factor	not DE	not DE	not DE	not DE
EVM0013416	LG2	ABC transporter G family member 1	not DE	not DE	not DE	not DE
EVM0024577	LG2	ADP, ATP carrier protein 1, mitochondrial	not DE	not DE	not DE	not DE
EVM0007415	LG2	ADP-ribosylation factor 1-like	1.648166	0.012172	not DE	not DE
EVM0022415	LG2	ATP phosphoribosyltransferase	-1.09898	0.013278	not DE	not DE



EVM0000399	LG2	ATP-dependent Clp protease A	-1.43216	1.31E-05	not DE	not DE
EVM0024581	LG2	ATP-dependent Clp protease A	not DE	not DE	not DE	not DE
EVM0023747	LG2	ATP-dependent DNA helicase C	not DE	not DE	not DE	not DE
EVM0004331	LG2	ATP-dependent RNA helicase D	not DE	not DE	not DE	not DE
EVM0020385	LG2	B3 domain-containing protein	not DE	not DE	not DE	not DE
EVM0000964	LG2	B3 domain-containing transcr	not DE	not DE	not DE	not DE
EVM0001619	LG2	B3 domain-containing transcr	not DE	not DE	not DE	not DE
EVM0005709	LG2	B3 domain-containing transcr	not DE	not DE	not DE	not DE
EVM0006945	LG2	B3 domain-containing transcr	not DE	not DE	not DE	not DE
EVM0010601	LG2	B3 domain-containing transcr	not DE	not DE	not DE	not DE
EVM0013663	LG2	B3 domain-containing transcr	not DE	not DE	not DE	not DE
EVM0016108	LG2	B3 domain-containing transcr	not DE	not DE	not DE	not DE
EVM0020068	LG2	B3 domain-containing transcr	not DE	not DE	not DE	not DE
EVM0024314	LG2	B3 domain-containing transcr	not DE	not DE	not DE	not DE
EVM0022540	LG2	BEL1-like homeodomain protei	not DE	not DE	not DE	not DE
EVM0022126	LG2	BRASSINOSTEROID INSENSITIVE	not DE	not DE	not DE	not DE
EVM0020468	LG2	CDP-diaclyglycerol--inositol	not DE	not DE	not DE	not DE
EVM0016400	LG2	CDPK-related kinase 5	not DE	not DE	not DE	not DE
EVM0019825	LG2	CDPK-related kinase 5-like	not DE	not DE	not DE	not DE
EVM0013014	LG2	COBRA-like protein 6-like	not DE	not DE	not DE	not DE
EVM0024341	LG2	COBRA-like protein 6-like	not DE	not DE	not DE	not DE
EVM0021908	LG2	COX assembly mitochondrial p	not DE	not DE	not DE	not DE
EVM0022118	LG2	COX assembly mitochondrial p	not DE	not DE	not DE	not DE
EVM0004885	LG2	CYSTM1 family protein A-like	not DE	not DE	not DE	not DE
EVM0002407	LG2	DDB1- and CUL4-associated fa	not DE	not DE	not DE	not DE
EVM0004891	LG2	DNA (cytosine-5)-methyltrans	not DE	not DE	not DE	not DE
EVM0002210	LG2	DNA helicase MCM9-like isofo	not DE	not DE	not DE	not DE
EVM0018887	LG2	DNA polymerase V-like isofo	not DE	not DE	-1.08246	#####
EVM0001321	LG2	DNA repair protein REV1-like	not DE	not DE	not DE	not DE
EVM0019376	LG2	DNA replication licensing fa	not DE	not DE	not DE	not DE
EVM0015692	LG2	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0024152	LG2	E3 ubiquitin-protein ligase	not DE	not DE	-1.28027	#####
EVM0018227	LG2	F-box protein Atlg10780-like	not DE	not DE	not DE	not DE
EVM0001224	LG2	F-box protein CPR30-like	not DE	not DE	not DE	not DE
EVM0005196	LG2	F-box/kelch-repeat protein A	not DE	not DE	not DE	not DE
EVM0008420	LG2	FAD-linked sulphhydryl oxidas	1.832058	0.014599	not DE	not DE
EVM0010725	LG2	GATA transcription factor 5-	not DE	not DE	not DE	not DE
EVM0005625	LG2	GDSL esterase/lipase Atlg296	not DE	not DE	not DE	not DE
EVM0008330	LG2	GDSL esterase/lipase Atlg296	not DE	not DE	not DE	not DE
EVM0023944	LG2	GDSL esterase/lipase Atlg296	not DE	not DE	not DE	not DE
EVM0023902	LG2	GDSL esterase/lipase Atlg296	not DE	not DE	not DE	not DE
EVM0004017	LG2	GDSL esterase/lipase Atlg296	not DE	not DE	not DE	not DE
EVM0008781	LG2	GDSL esterase/lipase Atlg296	not DE	not DE	not DE	not DE
EVM0010084	LG2	GDSL esterase/lipase Atlg296	not DE	not DE	not DE	not DE
EVM0011335	LG2	GDSL esterase/lipase Atlg296	not DE	not DE	not DE	not DE
EVM0013001	LG2	HVA22-like protein i-like	not DE	not DE	not DE	not DE
EVM0003588	LG2	K(+) efflux antiporter 3, ch	not DE	not DE	not DE	not DE
EVM0001457	LG2	KH domain-containing protein	not DE	not DE	not DE	not DE
EVM0011043	LG2	L-type lectin-domain contain	not DE	not DE	not DE	not DE
EVM0000114	LG2	LAG1 longevity assurance hom	not DE	not DE	not DE	not DE
EVM0006041	LG2	LAG1 longevity assurance hom	not DE	not DE	not DE	not DE
EVM0022701	LG2	LOB domain-containing protei	not DE	not DE	not DE	not DE
EVM0018306	LG2	LOW QUALITY PROTEIN: calcium	not DE	not DE	not DE	not DE
EVM0007320	LG2	LOW QUALITY PROTEIN: unchara	not DE	not DE	not DE	not DE

EVM0008884	LG2	LRR receptor-like serine/thr	not DE	not DE	not DE	not DE
EVM0011197	LG2	LYR motif-containing protein	not DE	not DE	1.959896	0.00308
EVM0021927	LG2	MADS-box transcription facto	not DE	not DE	not DE	not DE
EVM0015061	LG2	MATE efflux family protein 3	not DE	not DE	not DE	not DE
EVM0011619	LG2	MATE efflux family protein 4	not DE	not DE	not DE	not DE
EVM0010804	LG2	MATE efflux family protein 4	not DE	not DE	not DE	not DE
EVM0017213	LG2	NAC transcription factor 25-	not DE	not DE	not DE	not DE
EVM0004692	LG2	NADH dehydrogenase	not DE	not DE	1.093774	#####
EVM0019292	LG2	O-acyltransferase WSD1-like	not DE	not DE	not DE	not DE
EVM0023450	LG2	PRKR-interacting protein 1-l	not DE	not DE	not DE	not DE
EVM0000539	LG2	RING-H2 finger protein ATL54	not DE	not DE	not DE	not DE
EVM0011888	LG2	RING-H2 finger protein ATL54	not DE	not DE	not DE	not DE
EVM0001084	LG2	RNA pseudouridine synthase 4	not DE	not DE	-1.76878	0.00989
EVM0003295	LG2	RNA-binding protein 28-like	not DE	not DE	not DE	not DE
EVM0015318	LG2	RNA-binding protein 39-like	not DE	not DE	not DE	not DE
EVM0007021	LG2	RNA-binding protein 5-A-like	not DE	not DE	not DE	not DE
EVM0001522	LG2	SNF2 domain-containing prote	not DE	not DE	not DE	not DE
EVM0020062	LG2	SUMO-activating enzyme subun	not DE	not DE	not DE	not DE
EVM0022828	LG2	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0002787	LG2	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0004335	LG2	U3 small nucleolar ribonucle	not DE	not DE	not DE	not DE
EVM0023283	LG2	UDP-glycosyltransferase 84B2	not DE	not DE	not DE	not DE
EVM0006635	LG2	UPF0481 protein At3g47200-li	not DE	not DE	not DE	not DE
EVM0006786	LG2	UPF0481 protein At3g47200-li	not DE	not DE	not DE	not DE
EVM0015050	LG2	UPF0481 protein At3g47200-li	not DE	not DE	not DE	not DE
EVM0023445	LG2	UPF0481 protein At3g47200-li	not DE	not DE	not DE	not DE
EVM0005601	LG2	V-type proton ATPase subunit	not DE	not DE	not DE	not DE
EVM0005714	LG2	WD repeat-containing protein	not DE	not DE	not DE	not DE
EVM0014179	LG2	WD repeat-containing protein	not DE	not DE	not DE	not DE
EVM0003640	LG2	WD-40 repeat-containing prot	1.000004	0.013518	not DE	not DE
EVM0014373	LG2	actin-101	not DE	not DE	-1.45296	0.02688
EVM0020922	LG2	agamous-like MADS-box protei	not DE	not DE	not DE	not DE
EVM0021971	LG2	agamous-like MADS-box protei	not DE	not DE	not DE	not DE
EVM0019115	LG2	alkaline/neutral invertase C	not DE	not DE	not DE	not DE
EVM0002172	LG2	amino acid permease 6-like	not DE	not DE	not DE	not DE
EVM0005979	LG2	amino acid permease 6-like	not DE	not DE	not DE	not DE
EVM0001336	LG2	ankyrin repeat, bromo and BT	not DE	not DE	not DE	not DE
EVM0012500	LG2	ankyrin repeat, bromo and BT	not DE	not DE	not DE	not DE
EVM0017453	LG2	armadillo repeat-containing	not DE	not DE	not DE	not DE
EVM0018222	LG2	aspartate--tRNA ligase, mito	not DE	not DE	not DE	not DE
EVM0014916	LG2	auxin response factor 1	not DE	not DE	not DE	not DE
EVM0006704	LG2	auxin response factor 9	not DE	not DE	not DE	not DE
EVM0000478	LG2	auxin-induced protein 6B-lik	not DE	not DE	not DE	not DE
EVM0001974	LG2	auxin-induced protein 6B-lik	not DE	not DE	not DE	not DE
EVM0002463	LG2	auxin-induced protein 6B-lik	not DE	not DE	not DE	not DE
EVM0007931	LG2	auxin-induced protein 6B-lik	not DE	not DE	not DE	not DE
EVM0009255	LG2	auxin-induced protein 6B-lik	not DE	not DE	not DE	not DE
EVM0016875	LG2	auxin-induced protein 6B-lik	not DE	not DE	not DE	not DE
EVM0018782	LG2	auxin-induced protein 6B-lik	not DE	not DE	not DE	not DE
EVM0019834	LG2	axoneme-associated protein m	not DE	not DE	not DE	not DE
EVM0020454	LG2	axoneme-associated protein m	not DE	not DE	not DE	not DE
EVM0022651	LG2	basic blue protein	not DE	not DE	not DE	not DE
EVM0007073	LG2	basic form of pathogenesis-r	not DE	not DE	not DE	not DE
EVM0005329	LG2	beta-fructofuranosidase, ins	not DE	not DE	not DE	not DE

EVM0024239	LG2	beta-galactosidase 3-like	-3.99543	0.001627	not DE	not DE
EVM0014252	LG2	beta-glucosidase 44-like	not DE	not DE	not DE	not DE
EVM0016265	LG2	beta-glucosidase 44-like	not DE	not DE	not DE	not DE
EVM0018672	LG2	beta-glucosidase 44-like	not DE	not DE	not DE	not DE
EVM0018892	LG2	beta-glucosidase 44-like	not DE	not DE	not DE	not DE
EVM0009003	LG2	beta-xylosidase/alpha-L-arab	not DE	not DE	not DE	not DE
EVM0004938	LG2	carbonic anhydrase 1-like is	not DE	not DE	not DE	not DE
EVM0006600	LG2	carbonyl reductase family me	not DE	not DE	not DE	not DE
EVM0010468	LG2	carbonyl reductase family me	not DE	not DE	not DE	not DE
EVM0014514	LG2	chloride channel protein CLC	not DE	not DE	not DE	not DE
EVM0008775	LG2	chloride channel protein CLC	not DE	not DE	not DE	not DE
EVM0006280	LG2	chlorophyll a-b binding prot	-2.08661	0.000868	not DE	not DE
EVM0018053	LG2	cinnamoyl-CoA reductase 1-li	not DE	not DE	1.457051	0.01556
EVM0018037	LG2	coiled-coil domain-containin	not DE	not DE	not DE	not DE
EVM0020747	LG2	coiled-coil domain-containin	not DE	not DE	not DE	not DE
EVM0007578	LG2	copper-transporting ATPase P	not DE	not DE	not DE	not DE
EVM0024071	LG2	cx9C motif-containing protei	not DE	not DE	not DE	not DE
EVM0014943	LG2	cyclin-B2-3-like	not DE	not DE	2.29697	0.02146
EVM0000737	LG2	cyclin-D-binding Myb-like tr	not DE	not DE	not DE	not DE
EVM0009504	LG2	cyclin-D3-1-like	not DE	not DE	not DE	not DE
EVM0001197	LG2	cyclin-dependent kinase inh	not DE	not DE	not DE	not DE
EVM0005215	LG2	cysteine proteinase 15A-like	not DE	not DE	not DE	not DE
EVM0000219	LG2	cysteine proteinase RD21a-li	2.306608	0.00063	not DE	not DE
EVM0011104	LG2	cytochrome P450 84A1-like	not DE	not DE	not DE	not DE
EVM0014558	LG2	d-3-phosphoglycerate dehydro	not DE	not DE	not DE	not DE
EVM0018643	LG2	diaminopimelate decarboxylas	not DE	not DE	not DE	not DE
EVM0000444	LG2	dicarboxylate transporter 2.	not DE	not DE	not DE	not DE
EVM0009205	LG2	diphthamide biosynthesis pro	not DE	not DE	not DE	not DE
EVM0015793	LG2	dynamin-2A	not DE	not DE	not DE	not DE
EVM0024060	LG2	dynamin-2A	not DE	not DE	not DE	not DE
EVM0005380	LG2	dynamin-like protein ARC5-li	not DE	not DE	not DE	not DE
EVM0023085	LG2	elicitor-responsive protein	not DE	not DE	not DE	not DE
EVM0006524	LG2	elongation factor 1-gamma-li	not DE	not DE	not DE	not DE
EVM0016494	LG2	embryogenesis-associated pro	not DE	not DE	not DE	not DE
EVM0007868	LG2	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0017944	LG2	ethylene-responsive transcri	3.896825	0.047018	not DE	not DE
EVM0012192	LG2	exopolygalacturonase-like	not DE	not DE	not DE	not DE
EVM0000437	LG2	expansin-like A1-like	not DE	not DE	not DE	not DE
EVM0008641	LG2	formin-like protein 5-like i	not DE	not DE	not DE	not DE
EVM0023607	LG2	glutamate--tRNA ligase, chlo	not DE	not DE	not DE	not DE
EVM0005099	LG2	glutathione S-transferase ze	not DE	not DE	not DE	not DE
EVM0007431	LG2	glutathione S-transferase ze	not DE	not DE	not DE	not DE
EVM0000213	LG2	glutathione S-transferase ze	not DE	not DE	not DE	not DE
EVM0008353	LG2	glutathione S-transferase ze	not DE	not DE	not DE	not DE
EVM0009182	LG2	glutathione S-transferase ze	not DE	not DE	not DE	not DE
EVM0015466	LG2	glutathione S-transferase ze	not DE	not DE	not DE	not DE
EVM0015518	LG2	glutathione S-transferase ze	not DE	not DE	not DE	not DE
EVM0015827	LG2	glutathione S-transferase ze	not DE	not DE	not DE	not DE
EVM0017751	LG2	glutathione S-transferase ze	not DE	not DE	not DE	not DE
EVM0008528	LG2	glutelin type-B 2-like isof	not DE	not DE	not DE	not DE
EVM0007565	LG2	glutelin type-B 2-like isof	not DE	not DE	not DE	not DE
EVM0016393	LG2	glutelin type-B 2-like isof	not DE	not DE	not DE	not DE
EVM0019765	LG2	glutelin type-B 2-like isof	not DE	not DE	not DE	not DE
EVM0021142	LG2	glutelin type-B 2-like isof	not DE	not DE	not DE	not DE

EVM0022336	LG2	glutelin type-B 2-like isoform	not DE	not DE	not DE	not DE
EVM0019819	LG2	glycerate dehydrogenase	not DE	not DE	not DE	not DE
EVM0012170	LG2	heat shock 70 kDa protein 6,	not DE	not DE	-1.34692	#####
EVM0008597	LG2	heat shock 70 kDa protein, m	-1.52327	0.011478	-1.85347	#####
EVM0008278	LG2	hippocampus abundant transcr	not DE	not DE	not DE	not DE
EVM0016771	LG2	histidine biosynthesis bifur	not DE	not DE	not DE	not DE
EVM0000228	LG2	histone deacetylase 6-like	not DE	not DE	not DE	not DE
EVM0023559	LG2	indole-3-acetic acid-induced	not DE	not DE	not DE	not DE
EVM0017756	LG2	inositol-tetrakisphosphate 1	not DE	not DE	not DE	not DE
EVM0014781	LG2	isocitrate dehydrogenase	not DE	not DE	not DE	not DE
EVM0003039	LG2	isoflavone 2&apos;-hydroxyla	not DE	not DE	not DE	not DE
EVM0022437	LG2	isoflavone 2&apos;-hydroxyla	not DE	not DE	not DE	not DE
EVM0013570	LG2	kinesin-related protein 11-l	-1.72763	0.041039	not DE	not DE
EVM0018370	LG2	kinetochore protein NDC80 ho	not DE	not DE	not DE	not DE
EVM0024543	LG2	kinetochore protein NDC80 ho	not DE	not DE	not DE	not DE
EVM0021442	LG2	leucine-rich repeat receptor	-1.80365	0.03172	not DE	not DE
EVM0013304	LG2	lysM domain-containing GPI-a	not DE	not DE	not DE	not DE
EVM0001327	LG2	lysine histidine transporter	not DE	not DE	-2.48111	0.0482
EVM0009221	LG2	lysine histidine transporter	not DE	not DE	not DE	not DE
EVM0000551	LG2	magnesium transporter MRS2-3	not DE	not DE	not DE	not DE
EVM0009842	LG2	magnesium transporter NIPA2-	not DE	not DE	not DE	not DE
EVM0016549	LG2	magnesium-dependent phosphat	not DE	not DE	not DE	not DE
EVM0013173	LG2	malate dehydrogenase, glyoxy	not DE	not DE	not DE	not DE
EVM0019930	LG2	malate dehydrogenase, glyoxy	not DE	not DE	not DE	not DE
EVM0007301	LG2	mechanosensitive ion channel	not DE	not DE	not DE	not DE
EVM0010875	LG2	mediator of RNA polymerase I	not DE	not DE	not DE	not DE
EVM0018082	LG2	mediator of RNA polymerase I	not DE	not DE	not DE	not DE
EVM0003715	LG2	metacaspase-1-like	not DE	not DE	not DE	not DE
EVM0000019	LG2	metacaspase-1-like isoform X	not DE	not DE	1.10363	0.00088
EVM0009908	LG2	metacaspase-1-like isoform X	not DE	not DE	not DE	not DE
EVM0003064	LG2	methionine S-methyltransfera	not DE	not DE	not DE	not DE
EVM0010986	LG2	methylesterase 10-like	not DE	not DE	not DE	not DE
EVM0016823	LG2	methylthioribose kinase-like	not DE	not DE	not DE	not DE
EVM0019167	LG2	methylthioribose kinase-like	not DE	not DE	not DE	not DE
EVM0011905	LG2	mitochondrial import recepto	not DE	not DE	1.052794	0.01479
EVM0002199	LG2	mitochondrial outer membrane	2.030622	0.020068	not DE	not DE
EVM0013034	LG2	mitochondrial outer membrane	not DE	not DE	not DE	not DE
EVM0011510	LG2	mitochondrial outer membrane	not DE	not DE	not DE	not DE
EVM0014063	LG2	mitochondrial phosphate carr	not DE	not DE	1.57127	#####
EVM0004059	LG2	mitogen-activated protein ki	not DE	not DE	not DE	not DE
EVM0016338	LG2	mitogen-activated protein ki	not DE	not DE	not DE	not DE
EVM0017303	LG2	mitogen-activated protein ki	not DE	not DE	not DE	not DE
EVM0014318	LG2	monoacylglycerol lipase ABHD	not DE	not DE	3.677738	#####
EVM0019368	LG2	monoacylglycerol lipase ABHD	not DE	not DE	not DE	not DE
EVM0024117	LG2	monosaccharide-sensing prote	not DE	not DE	not DE	not DE
EVM0010307	LG2	multiple RNA-binding domain-	not DE	not DE	not DE	not DE
EVM0008814	LG2	myb-like protein X-like isof	not DE	not DE	not DE	not DE
EVM0017323	LG2	myosin-2 heavy chain-like is	not DE	not DE	not DE	not DE
EVM0009771	LG2	neurofilament medium polypep	not DE	not DE	not DE	not DE
EVM0010475	LG2	nifU-like protein 2, chlorop	not DE	not DE	not DE	not DE
EVM0019990	LG2	nitronate monooxygenase	not DE	not DE	not DE	not DE
EVM0001256	LG2	non-lysosomal glucosylcerami	not DE	not DE	not DE	not DE
EVM0015500	LG2	non-lysosomal glucosylcerami	not DE	not DE	not DE	not DE
EVM0017254	LG2	non-specific lipid-transfer	not DE	not DE	not DE	not DE

EVM0005175	LG2	nuclear pore complex protein	not DE	not DE	not DE	not DE
EVM0018475	LG2	nuclear ribonuclease Z-like	not DE	not DE	not DE	not DE
EVM0005554	LG2	oligopeptide transporter 4-l	not DE	not DE	-2.55444	0.00028
EVM0021538	LG2	oligopeptide transporter 4-l	not DE	not DE	not DE	not DE
EVM0001523	LG2	organ-specific protein S2-li	not DE	not DE	not DE	not DE
EVM0002107	LG2	organ-specific protein S2-li	not DE	not DE	not DE	not DE
EVM0015311	LG2	patatin-like phospholipase d	not DE	not DE	not DE	not DE
EVM0002711	LG2	pathogenesis-related protein	not DE	not DE	not DE	not DE
EVM0011112	LG2	pathogenesis-related protein	not DE	not DE	not DE	not DE
EVM0015505	LG2	pathogenesis-related protein	not DE	not DE	not DE	not DE
EVM0016524	LG2	pathogenesis-related protein	not DE	not DE	not DE	not DE
EVM0024602	LG2	pathogenesis-related protein	not DE	not DE	not DE	not DE
EVM0002990	LG2	pathogenesis-related protein	not DE	not DE	not DE	not DE
EVM0017369	LG2	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0020714	LG2	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0017117	LG2	pentatricopeptide repeat-con	2.361514	9.32E-11	not DE	not DE
EVM0012107	LG2	pentatricopeptide repeat-con	2.19351	0.000137	not DE	not DE
EVM0008339	LG2	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0022854	LG2	pentatricopeptide repeat-con	2.611804	3.00E-07	not DE	not DE
EVM0006373	LG2	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0007955	LG2	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0024522	LG2	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0016682	LG2	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0004709	LG2	peptide methionine sulfoxide	not DE	not DE	not DE	not DE
EVM0018481	LG2	peptidyl-prolyl cis-trans is	not DE	not DE	not DE	not DE
EVM0021288	LG2	peptidyl-prolyl cis-trans is	not DE	not DE	not DE	not DE
EVM0002820	LG2	periaxin-like	not DE	not DE	not DE	not DE
EVM0014660	LG2	peroxidase 43-like	not DE	not DE	not DE	not DE
EVM0003567	LG2	phosphatidylinositol 4-phosp	not DE	not DE	not DE	not DE
EVM0003712	LG2	phosphatidylinositol 4-phosp	not DE	not DE	not DE	not DE
EVM0013562	LG2	phosphatidylinositol/phospha	not DE	not DE	not DE	not DE
EVM0022737	LG2	phosphatidylserine decarboxy	not DE	not DE	not DE	not DE
EVM0000784	LG2	phosphoglycerate mutase-like	not DE	not DE	not DE	not DE
EVM0006008	LG2	phototropin-2-like isoform X	not DE	not DE	not DE	not DE
EVM0001675	LG2	phytoene dehydrogenase, chlo	not DE	not DE	-1.03487	0.01858
EVM0008103	LG2	phytosulfokines	not DE	not DE	not DE	not DE
EVM0022349	LG2	polyadenylate-binding protei	not DE	not DE	not DE	not DE
EVM0016933	LG2	polyadenylate-binding protei	not DE	not DE	not DE	not DE
EVM0003244	LG2	polyprenol reductase 2	not DE	not DE	not DE	not DE
EVM0008495	LG2	polyprenol reductase 2-like	not DE	not DE	not DE	not DE
EVM0019743	LG2	potassium channel AKT2/3-lik	not DE	not DE	not DE	not DE
EVM0012962	LG2	pre-mRNA-processing protein	not DE	not DE	not DE	not DE
EVM0009933	LG2	pre-mRNA-splicing factor syf	not DE	not DE	not DE	not DE
EVM0011639	LG2	probable 1-acyl-sn-glycerol-	not DE	not DE	not DE	not DE
EVM0003904	LG2	probable 3-hydroxyisobutyrat	not DE	not DE	not DE	not DE
EVM0023914	LG2	probable 3-hydroxyisobutyrat	not DE	not DE	not DE	not DE
EVM0010833	LG2	probable E3 ubiquitin ligase	not DE	not DE	not DE	not DE
EVM0019631	LG2	probable L-type lectin-domai	2.717545	0.005805	not DE	not DE
EVM0010227	LG2	probable LL-diaminopimelate	not DE	not DE	not DE	not DE
EVM0005956	LG2	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0007753	LG2	probable alanine--tRNA ligas	not DE	not DE	not DE	not DE
EVM0024570	LG2	probable aquaporin PIP2-8	-2.14991	0.03941	not DE	not DE
EVM0016156	LG2	probable aquaporin PIP2-8-li	not DE	not DE	not DE	not DE
EVM0001418	LG2	probable carboxylesterase 12	not DE	not DE	not DE	not DE

EVM0001615	LG2	probable carboxylesterase 12	not DE	not DE	not DE	not DE
EVM0007586	LG2	probable carboxylesterase 12	2.246649	0.006897	not DE	not DE
EVM0012655	LG2	probable carboxylesterase 12	not DE	not DE	not DE	not DE
EVM0014125	LG2	probable carboxylesterase 12	not DE	not DE	not DE	not DE
EVM0015643	LG2	probable carboxylesterase 12	-1.96939	0.022527	1.0882	0.02955
EVM0022631	LG2	probable carboxylesterase 12	not DE	not DE	not DE	not DE
EVM0022917	LG2	probable carboxylesterase 12	not DE	not DE	not DE	not DE
EVM0023096	LG2	probable carboxylesterase 12	not DE	not DE	not DE	not DE
EVM0024423	LG2	probable carboxylesterase 12	not DE	not DE	not DE	not DE
EVM0009306	LG2	probable carboxylesterase 13	-2.17632	0.019778	not DE	not DE
EVM0009930	LG2	probable dimethyladenosine t	not DE	not DE	not DE	not DE
EVM0004030	LG2	probable flavin-containing m	not DE	not DE	not DE	not DE
EVM0008286	LG2	probable flavin-containing m	not DE	not DE	not DE	not DE
EVM0020382	LG2	probable flavin-containing m	not DE	not DE	not DE	not DE
EVM0002886	LG2	probable glycosyltransferase	not DE	not DE	not DE	not DE
EVM0013311	LG2	probable homoserine kinase-1	not DE	not DE	not DE	not DE
EVM0005051	LG2	probable inactive purple aci	-1.58805	0.002029	not DE	not DE
EVM0020481	LG2	probable inactive receptor k	not DE	not DE	not DE	not DE
EVM0009124	LG2	probable mitochondrial chape	-1.61921	2.36E-06	not DE	not DE
EVM0014325	LG2	probable mitochondrial chape	not DE	not DE	not DE	not DE
EVM0003552	LG2	probable plastid-lipid-assoc	not DE	not DE	not DE	not DE
EVM0014481	LG2	probable polyamine transport	not DE	not DE	not DE	not DE
EVM0016462	LG2	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0014401	LG2	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0020162	LG2	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0018562	LG2	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0003361	LG2	probable ribosome-binding fa	not DE	not DE	not DE	not DE
EVM0011466	LG2	probable serine/threonine-pr	not DE	not DE	not DE	not DE
EVM0004732	LG2	probable ubiquitin-conjugati	not DE	not DE	not DE	not DE
EVM0023840	LG2	probable ubiquitin-like-spec	not DE	not DE	not DE	not DE
EVM0006092	LG2	proline iminopeptidase-like	not DE	not DE	not DE	not DE
EVM0016055	LG2	proline iminopeptidase-like	not DE	not DE	not DE	not DE
EVM0009852	LG2	proline-rich protein 4-like	not DE	not DE	not DE	not DE
EVM0007350	LG2	prolycopene isomerase, chlor	not DE	not DE	not DE	not DE
EVM0017963	LG2	prolyl 4-hydroxylase subunit	not DE	not DE	not DE	not DE
EVM0018120	LG2	proteasome subunit alpha typ	not DE	not DE	not DE	not DE
EVM0001516	LG2	protein BASIC PENTACYSSTEINE4	not DE	not DE	not DE	not DE
EVM0001266	LG2	protein EXECUTER 1, chloropl	not DE	not DE	not DE	not DE
EVM0022615	LG2	protein FAM114A2-like isofor	not DE	not DE	not DE	not DE
EVM0013811	LG2	protein FAR1-RELATED SEQUENC	not DE	not DE	not DE	not DE
EVM0015080	LG2	protein FAR1-RELATED SEQUENC	not DE	not DE	not DE	not DE
EVM0015995	LG2	protein RADIALIS-like 1-like	not DE	not DE	not DE	not DE
EVM0019332	LG2	protein SHI RELATED SEQUENCE	not DE	not DE	not DE	not DE
EVM0023354	LG2	protein SRG1-like	not DE	not DE	not DE	not DE
EVM0008008	LG2	protein YLS9	not DE	not DE	not DE	not DE
EVM0001938	LG2	protein YLS9-like	not DE	not DE	not DE	not DE
EVM0003539	LG2	protein disulfide-isomerase	not DE	not DE	not DE	not DE
EVM0018593	LG2	purple acid phosphatase-like	not DE	not DE	not DE	not DE
EVM0011885	LG2	putative B3 domain-containin	not DE	not DE	-1.63537	0.01675
EVM0007526	LG2	putative B3 domain-containin	not DE	not DE	not DE	not DE
EVM0005262	LG2	putative cyclin-A3-1-like	not DE	not DE	not DE	not DE
EVM0004968	LG2	putative disease resistance	not DE	not DE	not DE	not DE
EVM0014670	LG2	putative disease resistance	not DE	not DE	-1.53642	0.03473
EVM0021406	LG2	putative disease resistance	not DE	not DE	not DE	not DE

EVM0002279	LG2	putative disease resistance	not DE	not DE	not DE	not DE
EVM0014089	LG2	putative disease resistance	not DE	not DE	not DE	not DE
EVM0009775	LG2	putative disease resistance	not DE	not DE	not DE	not DE
EVM0019350	LG2	putative leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0022847	LG2	putative leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0019136	LG2	putative pectinesterase 11-like	not DE	not DE	not DE	not DE
EVM0019786	LG2	putative pectinesterase 11-like	not DE	not DE	not DE	not DE
EVM0000120	LG2	putative pentatricopeptide repeat	not DE	not DE	not DE	not DE
EVM0000926	LG2	putative pentatricopeptide repeat	not DE	not DE	not DE	not DE
EVM0004749	LG2	putative pentatricopeptide repeat	not DE	not DE	not DE	not DE
EVM0008961	LG2	putative pentatricopeptide repeat	not DE	not DE	not DE	not DE
EVM0009639	LG2	putative pentatricopeptide repeat	not DE	not DE	not DE	not DE
EVM0011588	LG2	putative pentatricopeptide repeat	not DE	not DE	not DE	not DE
EVM0012250	LG2	putative pentatricopeptide repeat	not DE	not DE	not DE	not DE
EVM0012954	LG2	putative pentatricopeptide repeat	not DE	not DE	not DE	not DE
EVM0020886	LG2	putative pentatricopeptide repeat	not DE	not DE	not DE	not DE
EVM0023330	LG2	putative pentatricopeptide repeat	not DE	not DE	not DE	not DE
EVM0024268	LG2	putative pentatricopeptide repeat	not DE	not DE	not DE	not DE
EVM0000916	LG2	putative rRNA methyltransferase	not DE	not DE	not DE	not DE
EVM0014891	LG2	rab GDP dissociation inhibitor	not DE	not DE	not DE	not DE
EVM0004234	LG2	rac-like GTP-binding protein	not DE	not DE	not DE	not DE
EVM0011834	LG2	ras-related protein RABA2a-like	not DE	not DE	not DE	not DE
EVM0001536	LG2	ras-related protein RABD1-like	not DE	not DE	not DE	not DE
EVM0009681	LG2	ras-related protein Rab7	not DE	not DE	not DE	not DE
EVM0023655	LG2	receptor protein kinase-like 2	0.015522	0.026825	not DE	not DE
EVM0004559	LG2	receptor-like protein 12-like	not DE	not DE	not DE	not DE
EVM0023144	LG2	rhodanese-like domain-containing	not DE	not DE	not DE	not DE
EVM0011313	LG2	ribosome biogenesis protein	not DE	not DE	-1.09108	#####
EVM0017059	LG2	root phototropism protein 3	not DE	not DE	not DE	not DE
EVM0002030	LG2	rop guanine nucleotide exchange	not DE	not DE	not DE	not DE
EVM0005247	LG2	scopoletin glucosyltransferase	not DE	not DE	not DE	not DE
EVM0005378	LG2	scopoletin glucosyltransferase	not DE	not DE	not DE	not DE
EVM0024009	LG2	separase-like isoform X2	not DE	not DE	not DE	not DE
EVM0002089	LG2	serine hydroxymethyltransferase	not DE	not DE	not DE	not DE
EVM0013029	LG2	serine hydroxymethyltransferase	not DE	not DE	not DE	not DE
EVM0017524	LG2	serine/arginine-rich splicing	not DE	not DE	not DE	not DE
EVM0006835	LG2	serine/threonine protein phosphatase	not DE	not DE	not DE	not DE
EVM0003906	LG2	serine/threonine-protein kinase	not DE	not DE	-1.28694	0.01823
EVM0017582	LG2	sesquiterpene synthase-like	not DE	not DE	not DE	not DE
EVM0007980	LG2	soluble inorganic pyrophosphatase	not DE	not DE	not DE	not DE
EVM0017824	LG2	somatic embryogenesis receptor	not DE	not DE	not DE	not DE
EVM0009855	LG2	splicing factor 3B subunit 6	not DE	not DE	not DE	not DE
EVM0011344	LG2	squalene monooxygenase-like	not DE	not DE	not DE	not DE
EVM0002254	LG2	squalene synthase	not DE	not DE	not DE	not DE
EVM0002924	LG2	squalene synthase	not DE	not DE	not DE	not DE
EVM0010185	LG2	src substrate cortactin	not DE	not DE	not DE	not DE
EVM0011482	LG2	sterol 3-beta-glucosyltransferase	not DE	not DE	not DE	not DE
EVM0004075	LG2	stress enhanced protein 1, cytosolic	not DE	not DE	not DE	not DE
EVM0001042	LG2	subtilisin-like protease-like	not DE	not DE	not DE	not DE
EVM0005681	LG2	subtilisin-like protease-like	not DE	not DE	not DE	not DE
EVM0016584	LG2	subtilisin-like protease-like	not DE	not DE	not DE	not DE
EVM0022752	LG2	subtilisin-like protease-like	not DE	not DE	not DE	not DE
EVM0024515	LG2	subtilisin-like protease-like	not DE	not DE	not DE	not DE
EVM0021054	LG2	syntaxin-112-like	not DE	not DE	not DE	not DE

EVM0016011	LG2	tRNA (guanine(10)-N2)-methyl	1.39634	0.002218	not DE	not DE
EVM0024561	LG2	tRNA-dihydrouridine(47) synt	not DE	not DE	not DE	not DE
EVM0016812	LG2	telomere repeat-binding fact	not DE	not DE	not DE	not DE
EVM0022352	LG2	thaumatin-like protein 1-like	-1.54846	0.049306	not DE	not DE
EVM0006564	LG2	thioredoxin M3, chloroplasti	not DE	not DE	not DE	not DE
EVM0017677	LG2	thioredoxin domain-containin	-1.02209	0.004106	not DE	not DE
EVM0023836	LG2	trafficking protein particle	not DE	not DE	not DE	not DE
EVM0011981	LG2	transcription factor ABORTED	not DE	not DE	not DE	not DE
EVM0014204	LG2	transcription factor MYB44-l	not DE	not DE	not DE	not DE
EVM0007035	LG2	transcription factor TFIIIB	not DE	not DE	-1.16423	0.00021
EVM0014039	LG2	transcription factor TFIIIB	not DE	not DE	not DE	not DE
EVM0002548	LG2	transcription factor TFIIIB	not DE	not DE	not DE	not DE
EVM0020475	LG2	transcription factor bHLH113	not DE	not DE	not DE	not DE
EVM0001350	LG2	transcription factor bHLH18-	not DE	not DE	not DE	not DE
EVM0014207	LG2	transcription factor bHLH85-	not DE	not DE	not DE	not DE
EVM0015611	LG2	transcription factor bHLH95-	not DE	not DE	not DE	not DE
EVM0001754	LG2	transcriptional regulator AT	not DE	not DE	not DE	not DE
EVM0020900	LG2	transcriptional regulator AT	not DE	not DE	not DE	not DE
EVM0020503	LG2	translocase of chloroplast l	not DE	not DE	not DE	not DE
EVM0006941	LG2	translocation protein SEC63	not DE	not DE	not DE	not DE
EVM0005024	LG2	translocon-associated protei	not DE	not DE	not DE	not DE
EVM0021481	LG2	transmembrane protein 87A-li	not DE	not DE	not DE	not DE
EVM0001747	LG2	transposon Ty3-G Gag-Pol pol	not DE	not DE	not DE	not DE
EVM0022205	LG2	trichohyalin-like	not DE	not DE	not DE	not DE
EVM0003462	LG2	tyrosine-sulfated glycopepti	not DE	not DE	not DE	not DE
EVM0002362	LG2	ubiquitin domain-containing	not DE	not DE	not DE	not DE
EVM0010420	LG2	ubiquitin fusion degradation	not DE	not DE	not DE	not DE
EVM0013172	LG2	uncharacterized protein Atlg	not DE	not DE	not DE	not DE
EVM0014848	LG2	uncharacterized protein Atlg	not DE	not DE	not DE	not DE
EVM0000615	LG2	uncharacterized protein At2g	not DE	not DE	not DE	not DE
EVM0001311	LG2	uncharacterized protein At2g	not DE	not DE	not DE	not DE
EVM0002509	LG2	uncharacterized protein At3g	not DE	not DE	not DE	not DE
EVM0022699	LG2	uncharacterized protein At3g	not DE	not DE	not DE	not DE
EVM0022970	LG2	uncharacterized protein At3g	not DE	not DE	not DE	not DE
EVM0023000	LG2	uncharacterized protein At4g	not DE	not DE	not DE	not DE
EVM0020235	LG2	uncharacterized protein C57A	not DE	not DE	not DE	not DE
EVM0003292	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011731	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000409	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021897	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021738	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005496	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017442	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011397	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000027	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002337	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007106	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022488	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011843	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003011	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007052	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004719	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018070	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023556	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE



EVM0004346	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008166	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008280	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012623	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024161	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007891	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020515	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010062	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002427	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007547	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011902	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018783	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021323	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004415	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007504	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012428	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010759	LG2	uncharacterized protein LOC1	1.595683	0.01649	not DE	not DE
EVM0017188	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019669	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015694	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008149	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004367	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007633	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009052	LG2	uncharacterized protein LOC1	not DE	not DE	1.000725	0.00019
EVM0022965	LG2	uncharacterized protein LOC1	not DE	not DE	-1.53254	#####
EVM0014211	LG2	uncharacterized protein LOC1	-1.17144	0.042339	not DE	not DE
EVM0002569	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005623	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002622	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016390	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010592	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024302	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020342	LG2	uncharacterized protein LOC1	not DE	not DE	1.046895	0.00017
EVM0004853	LG2	uncharacterized protein LOC1	not DE	not DE	-1.31828	0.00047
EVM0001824	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006857	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007909	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015755	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021066	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002629	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011268	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024233	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009525	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016963	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005318	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010672	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010788	LG2	uncharacterized protein LOC1	-1.88476	1.03E-09	not DE	not DE
EVM0022478	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023913	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018090	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011457	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014324	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006215	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007605	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE

EVM0014330	LG2	uncharacterized protein LOC1	not DE	not DE	1.050897	0.00012
EVM0014718	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015095	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002919	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019448	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005802	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024632	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003183	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016675	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001344	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021166	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015634	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002034	LG2	uncharacterized protein LOC1	-1.19923	0.019348	1.204389	0.02557
EVM0022773	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010885	LG2	uncharacterized protein LOC1	not DE	not DE	1.682069	0.04134
EVM0022698	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002296	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012991	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014494	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005763	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006732	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022514	LG2	uncharacterized protein LOC1	1.035504	0.000464	not DE	not DE
EVM0002610	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013133	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021920	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002663	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021408	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013443	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020004	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008991	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006222	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023564	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016758	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000907	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003716	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024251	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007855	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023510	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013508	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020961	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008713	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015162	LG2	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006811	LG2	uncharacterized protein ycf3	-1.23165	0.000184	not DE	not DE
EVM0001707	LG2	uncharacterized zinc finger	not DE	not DE	not DE	not DE
EVM0000862	LG2	vacuolar-sorting receptor 3-	not DE	not DE	not DE	not DE
EVM0021155	LG2	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0000166	LG2	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0006375	LG2	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0010197	LG2	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0015723	LG2	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0017152	LG2	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0020476	LG2	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0009528	LG2	wall-associated receptor kin	not DE	not DE	1.151276	0.01887
EVM0009632	LG2	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE

EVM0020274	LG2	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0000073	LG2	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0022249	LG2	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0003533	LG2	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0005206	LG2	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0019355	LG2	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0004490	LG2	zinc finger protein KNUCKLES	not DE	not DE	not DE	not DE
EVM0021871	LG2	zinc finger protein ZAT3-lik	not DE	not DE	not DE	not DE
EVM0007959	LG2	zinc finger protein-like 1 h	not DE	not DE	not DE	not DE
EVM0005238	LG2	zinc-finger homeodomain prot	not DE	not DE	not DE	not DE
EVM0014491	LG2	2-oxoglutarate and Fe(II)-dep	4.134141	5.03E-05	1.68765	0.02897
EVM0006253	LG2	26S proteasome non-ATPase reg	not DE	not DE	not DE	not DE
EVM0009391	LG2	3-deoxy-d-arabino-heptuloson	not DE	not DE	-1.05502	0.00392
EVM0014826	LG2	3-hydroxy-3-methylglutaryl co	not DE	not DE	not DE	not DE
EVM0000642	LG2	30S ribosomal protein S31	not DE	not DE	not DE	not DE
EVM0000646	LG2	4-hydroxyphenylacetaldehyde c	not DE	not DE	not DE	not DE
EVM0023936	LG2	40S ribosomal S6	not DE	not DE	not DE	not DE
EVM0020305	LG2	40S ribosomal protein S16A	not DE	not DE	not DE	not DE
EVM0020598	LG2	AT-hook DNA-binding family pr	not DE	not DE	not DE	not DE
EVM0000763	LG2	ATP binding protein, putative	not DE	not DE	not DE	not DE
EVM0001349	LG2	ATP binding protein, putative	not DE	not DE	not DE	not DE
EVM0020005	LG2	ATP binding protein, putative	not DE	not DE	not DE	not DE
EVM0019508	LG2	ATP-dependent Clp protease pr	not DE	not DE	not DE	not DE
EVM0015859	LG2	ATP-dependent Clp protease pr	not DE	not DE	not DE	not DE
EVM0014619	LG2	Abscisic acid &#x2013;hydroxy	not DE	not DE	not DE	not DE
EVM0004483	LG2	Actin-depolymerizing factor 5	not DE	not DE	not DE	not DE
EVM0009818	LG2	Agamous 57	not DE	not DE	not DE	not DE
EVM0004294	LG2	Alpha/beta-Hydrolases superfa	not DE	not DE	not DE	not DE
EVM0013700	LG2	Armadillo repeat only 1	not DE	not DE	not DE	not DE
EVM0009770	LG2	Ataurora3	not DE	not DE	not DE	not DE
EVM0011610	LG2	Basic helix-loop-helix DNA-bi	not DE	not DE	not DE	not DE
EVM0017280	LG2	Basic-leucine zipper transcri	not DE	not DE	not DE	not DE
EVM0005235	LG2	Beta-ureidopropionase	not DE	not DE	not DE	not DE
EVM0001950	LG2	CD2-binding protein-related,	not DE	not DE	not DE	not DE
EVM0007834	LG2	CP2	not DE	not DE	not DE	not DE
EVM0008842	LG2	Catalytic, putative	not DE	not DE	not DE	not DE
EVM0010425	LG2	Catalytic, putative	not DE	not DE	not DE	not DE
EVM0011492	LG2	Chaperone protein dnaJ 11, ch	not DE	not DE	-4.43659	#####
EVM0017902	LG2	Chloroplast-targeted copper c	not DE	not DE	not DE	not DE
EVM0010429	LG2	Cold acclimation protein WCOR	2.101084	0.00043	1.280157	0.01357
EVM0017699	LG2	Cryptochrome-interacting basi	not DE	not DE	not DE	not DE
EVM0020870	LG2	Cyclase family protein isofor	not DE	not DE	not DE	not DE
EVM0010337	LG2	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0023520	LG2	Cytochrome P450, putative	not DE	not DE	not DE	not DE
EVM0022590	LG2	DNA binding protein, putative	not DE	not DE	not DE	not DE
EVM0019434	LG2	DNA binding protein, putative	not DE	not DE	not DE	not DE
EVM0001644	LG2	DNA binding protein, putative	not DE	not DE	not DE	not DE
EVM0016316	LG2	DNA binding protein, putative	not DE	not DE	not DE	not DE
EVM0006905	LG2	DNA-directed RNA polymerase I	not DE	not DE	not DE	not DE
EVM0009571	LG2	Disease resistance-responsive	not DE	not DE	not DE	not DE
EVM0008779	LG2	E3 ubiquitin-protein ligase R	not DE	not DE	not DE	not DE
EVM0006896	LG2	Emb:CAB89363.1	not DE	not DE	not DE	not DE
EVM0020067	LG2	Endonuclease or glycosyl hydr	not DE	not DE	not DE	not DE
EVM0020509	LG2	Endoplasmic reticulum vesicle	not DE	not DE	not DE	not DE

EVM0006257	LG2	Eukaryotic translation initiation factor 4E	not DE	not DE	not DE	not DE
EVM0017232	LG2	Eukaryotic translation initiation factor 4E	not DE	not DE	not DE	not DE
EVM0008084	LG2	Exostosin family protein	not DE	not DE	not DE	not DE
EVM0012153	LG2	F1504.13	not DE	not DE	not DE	not DE
EVM0019295	LG2	Ferric reduction oxidase 7 isoform 1	-1.99108	0.033333	not DE	not DE
EVM0022132	LG2	Ferric reduction oxidase 7 isoform 2	not DE	not DE	not DE	not DE
EVM0020260	LG2	Fucosyltransferase 12 isoform 1	not DE	not DE	not DE	not DE
EVM0002652	LG2	GATA type zinc finger transcription factor 1	not DE	not DE	not DE	not DE
EVM0006517	LG2	GH3	not DE	not DE	not DE	not DE
EVM0024203	LG2	Galactosyltransferase family 12 member 1	not DE	not DE	not DE	not DE
EVM0015394	LG2	Glycine-rich RNA-binding GRP1	1.295904	5.88E-08	1.311045	#####
EVM0016493	LG2	Glycine-rich RNA-binding GRP1	1.837722	0.0008	1.615481	0.00055
EVM0023066	LG2	Glycine-rich protein 2b	not DE	not DE	not DE	not DE
EVM0002578	LG2	Glycosyl hydrolases family 32 member 1	not DE	not DE	not DE	not DE
EVM0010317	LG2	HSP40/DnaJ peptide-binding protein 1	not DE	not DE	not DE	not DE
EVM0021076	LG2	HVA22 A, putative isoform 2	not DE	not DE	not DE	not DE
EVM0004129	LG2	Hemoglobin-2	6.248723	0.003286	not DE	not DE
EVM0013779	LG2	Homeobox protein 31	not DE	not DE	not DE	not DE
EVM0018324	LG2	Homeobox protein 31	not DE	not DE	not DE	not DE
EVM0008195	LG2	Homoserine O-acetyltransferase 1	not DE	not DE	1.194334	#####
EVM0007799	LG2	Indole-3-acetic acid-induced protein 1	-1.79514	2.32E-05	not DE	not DE
EVM0000955	LG2	Jasmonate-zim-domain protein 1	not DE	not DE	not DE	not DE
EVM0024245	LG2	Kinase APK1B, chloroplast, putative	not DE	not DE	not DE	not DE
EVM0021485	LG2	Laccase 17	not DE	not DE	not DE	not DE
EVM0012276	LG2	Late embryogenesis abundant protein 1	not DE	not DE	not DE	not DE
EVM0007689	LG2	Leucine-rich repeat family protein 1	not DE	not DE	not DE	not DE
EVM0005571	LG2	Leucine-rich repeat protein kinase 1	not DE	not DE	not DE	not DE
EVM0017499	LG2	Magnesium transporter CorA-like protein 1	not DE	not DE	not DE	not DE
EVM0012127	LG2	Magnesium transporter NIPA2	not DE	not DE	not DE	not DE
EVM0006856	LG2	Metacaspase 9	not DE	not DE	not DE	not DE
EVM0008570	LG2	Metacaspase 9	not DE	not DE	not DE	not DE
EVM0013821	LG2	Metacaspase 9	not DE	not DE	not DE	not DE
EVM0018427	LG2	Metacaspase 9	not DE	not DE	not DE	not DE
EVM0003625	LG2	Methylcrotonyl-CoA carboxylase 1	not DE	not DE	not DE	not DE
EVM0006212	LG2	Methylcrotonyl-CoA carboxylase 1	not DE	not DE	not DE	not DE
EVM0011690	LG2	Minor allergen Alt a, putative	not DE	not DE	not DE	not DE
EVM0022482	LG2	NAC domain containing protein 1	-1.2589	0.030455	not DE	not DE
EVM0012952	LG2	NAD(P)-linked oxidoreductase 1	not DE	not DE	not DE	not DE
EVM0023480	LG2	Nicotinamidase 1 isoform 1	not DE	not DE	not DE	not DE
EVM0008244	LG2	NmrA-like negative transcription factor 1	not DE	not DE	not DE	not DE
EVM0012663	LG2	Nodulation receptor kinase protein 1	not DE	not DE	not DE	not DE
EVM0024370	LG2	Nodulation receptor kinase protein 1	not DE	not DE	not DE	not DE
EVM0007692	LG2	Nucleotide-diphospho-sugar transferase 1	not DE	not DE	not DE	not DE
EVM0013976	LG2	OPEN STOMATA 1 family protein 1	not DE	not DE	not DE	not DE
EVM0005384	LG2	Oxidoreductase, putative	not DE	not DE	not DE	not DE
EVM0011064	LG2	Oxidoreductase, putative	not DE	not DE	not DE	not DE
EVM0009404	LG2	P-loop containing nucleoside diphosphate kinase 1	not DE	not DE	not DE	not DE
EVM0007367	LG2	PHD finger family protein 1	not DE	not DE	not DE	not DE
EVM0013782	LG2	PHD finger family protein / bHLH domain protein 1	not DE	not DE	not DE	not DE
EVM0002858	LG2	Pentatricopeptide repeat (PPR) domain protein 1	not DE	not DE	not DE	not DE
EVM0001509	LG2	Pentatricopeptide repeat-containing protein 1	not DE	not DE	not DE	not DE
EVM0023027	LG2	Pentatricopeptide repeat-containing protein 1	not DE	not DE	not DE	not DE
EVM0002059	LG2	Phospholipase D	not DE	not DE	not DE	not DE
EVM0004348	LG2	Phospholipase D	not DE	not DE	not DE	not DE

EVM0011707	LG2	Phox-associated domain, Phox-1	not DE	not DE	not DE	not DE
EVM0017843	LG2	Progesterone 5-beta-reductase	not DE	not DE	not DE	not DE
EVM0020106	LG2	Protein ROS1 -like protein	not DE	not DE	not DE	not DE
EVM0004338	LG2	Pseudouridine synthase family	not DE	not DE	not DE	not DE
EVM0019225	LG2	R2R3-MYB	-2.10618	1.55E-08	not DE	not DE
EVM0013303	LG2	RS-norcoclaurine 6-O-methyltr	-8.00693	2.03E-10	not DE	not DE
EVM0018684	LG2	RS-norcoclaurine 6-O-methyltr	not DE	not DE	not DE	not DE
EVM0022059	LG2	RUB1 conjugating enzyme 1 iso	not DE	not DE	not DE	not DE
EVM0001139	LG2	RecName: Full=Caffeoyl-CoA O-	not DE	not DE	not DE	not DE
EVM0015071	LG2	RecName: Full=Caffeoyl-CoA O-	not DE	not DE	not DE	not DE
EVM0015123	LG2	RecName: Full=Defensin-like p	not DE	not DE	not DE	not DE
EVM0017053	LG2	RecName: Full=Probable U6 snR	not DE	not DE	not DE	not DE
EVM0013402	LG2	Ribosomal protein L10 family	not DE	not DE	not DE	not DE
EVM0004577	LG2	SAUR family protein	not DE	not DE	not DE	not DE
EVM0001829	LG2	SAUR-like auxin-responsive pr	not DE	not DE	not DE	not DE
EVM0005088	LG2	SAUR-like auxin-responsive pr	not DE	not DE	not DE	not DE
EVM0006486	LG2	SAUR-like auxin-responsive pr	not DE	not DE	not DE	not DE
EVM0019366	LG2	SAUR-like auxin-responsive pr	not DE	not DE	not DE	not DE
EVM0021980	LG2	SAUR-like auxin-responsive pr	not DE	not DE	not DE	not DE
EVM0024412	LG2	SAUR-like auxin-responsive pr	not DE	not DE	not DE	not DE
EVM0009118	LG2	SEC7-like guanine nucleotide	not DE	not DE	-1.08987	0.00039
EVM0019649	LG2	SWIB complex BAF60b domain-co	not DE	not DE	not DE	not DE
EVM0016838	LG2	Sec14p-like phosphatidylinosi	not DE	not DE	not DE	not DE
EVM0007456	LG2	Sequence-specific DNA binding	not DE	not DE	not DE	not DE
EVM0010126	LG2	Serine/arginine-rich splicing	not DE	not DE	not DE	not DE
EVM0018269	LG2	Snakin-1	not DE	not DE	not DE	not DE
EVM0000071	LG2	Sulfate transporter 1,3 isofo	not DE	not DE	not DE	not DE
EVM0001766	LG2	TCP family transcription fact	not DE	not DE	not DE	not DE
EVM0018842	LG2	TRNA delta(2)-isopentenylpyro	not DE	not DE	not DE	not DE
EVM0001735	LG2	Translocon at the outer membr	not DE	not DE	not DE	not DE
EVM0022184	LG2	Transportin 1 isoform 1	not DE	not DE	not DE	not DE
EVM0003971	LG2	Triosephosphate isomerase iso	not DE	not DE	not DE	not DE
EVM0015679	LG2	UDP-Glycosyltransferase super	not DE	not DE	not DE	not DE
EVM0022510	LG2	UDP-glycosyltransferase 3	not DE	not DE	not DE	not DE
EVM0023885	LG2	UDP-glycosyltransferase 3	not DE	not DE	not DE	not DE
EVM0014265	LG2	UDP-glycosyltransferase 73B4,	not DE	not DE	not DE	not DE
EVM0019245	LG2	UDP-glycosyltransferase 73B4,	not DE	not DE	not DE	not DE
EVM0010824	LG2	UNC-50 family protein isoform	not DE	not DE	not DE	not DE
EVM0019311	LG2	Ubiquitin family protein	not DE	not DE	not DE	not DE
EVM0020188	LG2	Ubiquitin family protein	not DE	not DE	not DE	not DE
EVM0002219	LG2	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0021060	LG2	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0012026	LG2	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0005509	LG2	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0011861	LG2	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0011661	LG2	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0017749	LG2	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0005984	LG2	Uncharacterized protein TCM_C	not DE	not DE	1.186122	0.04565
EVM0013396	LG2	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0023854	LG2	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0016104	LG2	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0006082	LG2	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0009848	LG2	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0022881	LG2	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE

EVM0001978	LG2	Uncharacterized protein isofo	not DE	not DE	1.366131	0.00026
EVM0013319	LG2	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0022192	LG2	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0001706	LG2	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0003139	LG2	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0004164	LG2	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0015676	LG2	Vacuolar iron transporter fam	not DE	not DE	not DE	not DE
EVM0006339	LG2	WRKY transcription factor 53	not DE	not DE	not DE	not DE
EVM0020878	LG2	XYLEM CYSTEINE PEPTIDASE 1 fa	not DE	not DE	not DE	not DE
EVM0016209	LG2	Zinc ion binding, DNA binding,	not DE	not DE	not DE	not DE
EVM0020110	LG2	Zinc ion binding, DNA binding,	not DE	not DE	not DE	not DE
EVM0020081	LG2	aldo-keto reductase, putative	not DE	not DE	not DE	not DE
EVM0016922	LG2	amino acid transporter, putat	not DE	not DE	not DE	not DE
EVM0000038	LG2	arginine decarboxylase	not DE	not DE	not DE	not DE
EVM0001849	LG2	auxin response factor	not DE	not DE	not DE	not DE
EVM0009465	LG2	auxin response factor-like pr	not DE	not DE	not DE	not DE
EVM0020986	LG2	carbamoyl-phosphate synthetas	1.771144	0.009452	not DE	not DE
EVM0008012	LG2	chaos family protein	-1.29783	0.008346	not DE	not DE
EVM0010214	LG2	chitinase family protein	not DE	not DE	not DE	not DE
EVM0000403	LG2	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0004578	LG2	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0007936	LG2	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0008300	LG2	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0016211	LG2	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0017320	LG2	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0018508	LG2	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0018516	LG2	conserved hypothetical protei	not DE	not DE	1.695549	0.01418
EVM0021019	LG2	dc50, putative	not DE	not DE	not DE	not DE
EVM0023063	LG2	dehydrin protein	not DE	not DE	not DE	not DE
EVM0010250	LG2	dicarboxylate transport 2.1	not DE	not DE	-1.7213	0.03024
EVM0005474	LG2	elongation factor 1-gamma-lik	not DE	not DE	not DE	not DE
EVM0006831	LG2	endo-1,4-beta-glucanase	not DE	not DE	not DE	not DE
EVM0021756	LG2	fructose-bisphosphate aldolas	-2.21911	3.72E-05	not DE	not DE
EVM0004695	LG2	fruit weight 2.2-1 protein	not DE	not DE	not DE	not DE
EVM0003078	LG2	geranylgeranyl pyrophosphate	not DE	not DE	not DE	not DE
EVM0020439	LG2	glucose-1-phosphate adenylylt	not DE	not DE	not DE	not DE
EVM0017430	LG2	hypothetical chloroplast RF15	-2.12896	0.033587	not DE	not DE
EVM0021547	LG2	hypothetical protein	not DE	not DE	not DE	not DE
EVM0016653	LG2	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0007893	LG2	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0018146	LG2	hypothetical protein CICLE_vl	not DE	not DE	-1.29763	0.0301
EVM0012486	LG2	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0001437	LG2	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0002491	LG2	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0014517	LG2	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0012834	LG2	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0008336	LG2	hypothetical protein CICLE_vl	not DE	not DE	-1.36796	0.0396
EVM0006527	LG2	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0014355	LG2	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0009955	LG2	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0017695	LG2	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0005679	LG2	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0007473	LG2	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0021936	LG2	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE

EVM0003440	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017012	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021866	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020782	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005114	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014970	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016145	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020973	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021562	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014198	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015413	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004527	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023209	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011776	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013764	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022571	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021986	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016997	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014953	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006621	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014798	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014580	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018317	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008024	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009332	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016887	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012447	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006705	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008268	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001893	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009541	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022912	LG2	hypothetical protein CICLE_v1	1.802469	0.002026	not DE	not DE
EVM0011036	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023883	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007992	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013500	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003414	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008021	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014685	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010310	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003473	LG2	hypothetical protein CICLE_v1	-1.81341	0.000988	not DE	not DE
EVM0017913	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005523	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008564	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013358	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002448	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010677	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024221	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014194	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002356	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011267	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014797	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023580	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007468	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0019004	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019824	LG2	hypothetical protein CICLE_v1	-1.3402	0.000867	not DE	not DE
EVM0001031	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008993	LG2	hypothetical protein CICLE_v1	not DE	not DE	1.20233	#####
EVM0012707	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011950	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023035	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024110	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003674	LG2	hypothetical protein CICLE_v1	not DE	not DE	-1.07023	0.00035
EVM0008207	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010385	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024660	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018658	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016046	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016791	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000513	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005606	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009177	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008888	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012106	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003022	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015261	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016918	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008568	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016088	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017067	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012189	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012916	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001465	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009798	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003050	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003520	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003601	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004426	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006799	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008357	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009711	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012052	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014969	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015917	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020326	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022875	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008848	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001252	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015308	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006446	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003599	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010409	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006317	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018589	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001808	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023436	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008678	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013712	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE



EVM0005752	LG2	hypothetical protein CICLE_v1	not DE	not DE	-1.1907	#####
EVM0006871	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007120	LG2	hypothetical protein CICLE_v1	not DE	not DE	-1.32198	0.00014
EVM0020245	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003150	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011523	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012419	LG2	hypothetical protein CICLE_v1	6.515293	9.38E-05	not DE	not DE
EVM0001061	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012063	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017082	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016511	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013318	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013193	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023946	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012520	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016222	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023844	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018549	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000782	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015503	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002834	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015509	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001881	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005581	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024498	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019818	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011715	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003488	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011583	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024609	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000678	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008356	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003184	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019196	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014568	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019642	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016868	LG2	hypothetical protein CICLE_v1	-1.0562	0.036071	not DE	not DE
EVM0009932	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000564	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008202	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015139	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007396	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014538	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005230	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014516	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017616	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010670	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002656	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004019	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013896	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015225	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007670	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002742	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004548	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0005825	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012388	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017431	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022419	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009416	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012722	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014032	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005073	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022077	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010130	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001539	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021950	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020471	LG2	hypothetical protein CICLE_v1	not DE	not DE	-1.36206	0.00019
EVM0024440	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003388	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011629	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003221	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021592	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002482	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008527	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024068	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019211	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002599	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018184	LG2	hypothetical protein CICLE_v1	1.587349	0.000603	not DE	not DE
EVM0024180	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023828	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018368	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017662	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016559	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008439	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022276	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014051	LG2	hypothetical protein CICLE_v1	-3.65445	0.025336	-2.89536	#####
EVM0014741	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020926	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000483	LG2	hypothetical protein CICLE_v1	1.112439	0.03734	not DE	not DE
EVM0022546	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011899	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011977	LG2	hypothetical protein CICLE_v1	3.014048	0.020988	not DE	not DE
EVM0012381	LG2	hypothetical protein CICLE_v1	3.364	0.005386	not DE	not DE
EVM0023677	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003528	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002956	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016015	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002514	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008717	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020655	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022550	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017407	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020775	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005144	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023909	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015388	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022325	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011654	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0004314	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014008	LG2	hypothetical protein CICLE_v1	1.702735	0.009296	not DE	not DE
EVM0011241	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004155	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013383	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009327	LG2	hypothetical protein CICLE_v1	-2.56478	0.000232	not DE	not DE
EVM0002714	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015729	LG2	hypothetical protein CICLE_v1	-2.30048	0.012049	not DE	not DE
EVM0007528	LG2	hypothetical protein CICLE_v1	-1.00261	0.036286	not DE	not DE
EVM0001462	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012271	LG2	hypothetical protein CICLE_v1	1.43375	0.004485	not DE	not DE
EVM0022692	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006934	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003682	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012657	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002130	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010470	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009636	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022952	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008217	LG2	hypothetical protein CICLE_v1	-1.19459	0.000348	not DE	not DE
EVM0001385	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022498	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022967	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019771	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018981	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006496	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005198	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007300	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021670	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008463	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014757	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004487	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008055	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017829	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005666	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021307	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004754	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017220	LG2	hypothetical protein CICLE_v1	2.707849	0.004106	not DE	not DE
EVM0019862	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018050	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014722	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000516	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014070	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019146	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016231	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017778	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021532	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001755	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022895	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019482	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010908	LG2	hypothetical protein CICLE_v1	-1.19376	0.031195	not DE	not DE
EVM0002343	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002101	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015657	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0004125	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024321	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004786	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005888	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006104	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016077	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021622	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011230	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002687	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016010	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015219	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023277	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009006	LG2	hypothetical protein CICLE_v1	not DE	not DE	1.362637	#####
EVM0004888	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000287	LG2	hypothetical protein CICLE_v1	-3.50185	0.003618	not DE	not DE
EVM0014789	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001366	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008832	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004350	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006055	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019138	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022091	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021310	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002802	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008946	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015809	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001750	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005343	LG2	hypothetical protein CICLE_v1	-2.39362	0.00121	not DE	not DE
EVM0012993	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011855	LG2	hypothetical protein CICLE_v1	-4.69488	3.08E-05	2.359171	0.02188
EVM0022815	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010565	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016537	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020983	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019894	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011250	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020400	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005039	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008546	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012825	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013439	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014199	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015961	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005676	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009956	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017819	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012425	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004461	LG2	hypothetical protein CICLE_v1	5.318099	4.40E-05	not DE	not DE
EVM0019213	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014175	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003654	LG2	hypothetical protein CICLE_v1	-2.56854	0.031723	not DE	not DE
EVM0008586	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018447	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008010	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0016455	LG2	hypothetical protein CICLE_v1	not DE	not DE	1.482902	0.01948
EVM0018671	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009853	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006163	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008328	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019988	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019070	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017243	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019348	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003783	LG2	hypothetical protein CICLE_v1	not DE	not DE	1.7052	0.00284
EVM0007332	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009394	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004365	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015888	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001632	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020441	LG2	hypothetical protein CICLE_v1	not DE	not DE	1.556546	#####
EVM0003513	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012539	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010727	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005531	LG2	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008004	LG2	hypothetical protein CICLE_v1	4.827394	0.028972	not DE	not DE
EVM0019796	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003978	LG2	hypothetical protein CISIN_1g	not DE	not DE	-1.02925	0.0001
EVM0009753	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003229	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019280	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017356	LG2	hypothetical protein CISIN_1g	not DE	not DE	-2.02133	0.00327
EVM0017298	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009417	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014674	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009947	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019054	LG2	hypothetical protein CISIN_1g	not DE	not DE	1.112995	0.01906
EVM0009430	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004245	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001261	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023340	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019458	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024637	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023178	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018812	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023584	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006880	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009944	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008960	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007983	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017233	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018142	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008368	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009314	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012750	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012085	LG2	hypothetical protein CISIN_1g	not DE	not DE	1.607068	0.04984
EVM0015442	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000293	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007883	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0018641	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013696	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014297	LG2	hypothetical protein CISIN_1g	-1.59926	0.001548	not DE	not DE
EVM0014649	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023452	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012828	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017153	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024357	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023993	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002108	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010308	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017773	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006573	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003877	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017272	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019403	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020812	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000247	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017386	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009302	LG2	hypothetical protein CISIN_1g	1.569296	0.000175	not DE	not DE
EVM0004988	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015033	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003658	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015094	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003774	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017175	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004832	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007355	LG2	hypothetical protein CISIN_1g	1.045471	0.024796	not DE	not DE
EVM0003003	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004870	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008764	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001498	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013151	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004745	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006208	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022509	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017258	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000067	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008979	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005720	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004935	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002602	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021311	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008657	LG2	hypothetical protein CISIN_1g	not DE	not DE	1.403368	0.01286
EVM0019772	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020899	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023242	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014756	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011915	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008117	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017890	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000376	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001635	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008206	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE



EVM0001130	LG2	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011521	LG2	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0008615	LG2	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0012158	LG2	hypothetical protein EUGRSUZ_	not DE	not DE	1.526014	0.00533
EVM0003565	LG2	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0024266	LG2	hypothetical protein JCGZ_000	not DE	not DE	not DE	not DE
EVM0018195	LG2	hypothetical protein JCGZ_002	not DE	not DE	not DE	not DE
EVM0009148	LG2	hypothetical protein JCGZ_002	not DE	not DE	not DE	not DE
EVM0016833	LG2	hypothetical protein JCGZ_003	not DE	not DE	not DE	not DE
EVM0012975	LG2	hypothetical protein JCGZ_030	not DE	not DE	not DE	not DE
EVM0018837	LG2	hypothetical protein JCGZ_048	not DE	not DE	not DE	not DE
EVM0008394	LG2	hypothetical protein JCGZ_050	not DE	not DE	not DE	not DE
EVM0010480	LG2	hypothetical protein JCGZ_050	not DE	not DE	not DE	not DE
EVM0009488	LG2	hypothetical protein JCGZ_071	not DE	not DE	not DE	not DE
EVM0012949	LG2	hypothetical protein JCGZ_071	not DE	not DE	not DE	not DE
EVM0022920	LG2	hypothetical protein JCGZ_071	not DE	not DE	not DE	not DE
EVM0011626	LG2	hypothetical protein JCGZ_098	not DE	not DE	not DE	not DE
EVM0023713	LG2	hypothetical protein JCGZ_098	not DE	not DE	not DE	not DE
EVM0011738	LG2	hypothetical protein JCGZ_098	not DE	not DE	not DE	not DE
EVM0012604	LG2	hypothetical protein JCGZ_107	not DE	not DE	not DE	not DE
EVM0002044	LG2	hypothetical protein JCGZ_107	not DE	not DE	not DE	not DE
EVM0003451	LG2	hypothetical protein JCGZ_124	not DE	not DE	not DE	not DE
EVM0001115	LG2	hypothetical protein JCGZ_126	not DE	not DE	-3.6743	0.00406
EVM0002705	LG2	hypothetical protein JCGZ_126	not DE	not DE	-4.48526	0.00647
EVM0013024	LG2	hypothetical protein JCGZ_129	not DE	not DE	2.730389	0.00452
EVM0019170	LG2	hypothetical protein JCGZ_129	not DE	not DE	not DE	not DE
EVM0014965	LG2	hypothetical protein JCGZ_147	not DE	not DE	not DE	not DE
EVM0011877	LG2	hypothetical protein JCGZ_147	not DE	not DE	1.254175	0.03498
EVM0008805	LG2	hypothetical protein JCGZ_150	not DE	not DE	not DE	not DE
EVM0014050	LG2	hypothetical protein JCGZ_151	not DE	not DE	not DE	not DE
EVM0003880	LG2	hypothetical protein JCGZ_154	not DE	not DE	not DE	not DE
EVM0019163	LG2	hypothetical protein JCGZ_163	not DE	not DE	not DE	not DE
EVM0016387	LG2	hypothetical protein JCGZ_163	not DE	not DE	not DE	not DE
EVM0008999	LG2	hypothetical protein JCGZ_163	not DE	not DE	not DE	not DE
EVM0020122	LG2	hypothetical protein JCGZ_163	not DE	not DE	not DE	not DE
EVM0015747	LG2	hypothetical protein JCGZ_169	not DE	not DE	not DE	not DE
EVM0004721	LG2	hypothetical protein JCGZ_172	not DE	not DE	not DE	not DE
EVM0013032	LG2	hypothetical protein JCGZ_187	not DE	not DE	not DE	not DE
EVM0010262	LG2	hypothetical protein JCGZ_187	not DE	not DE	not DE	not DE
EVM0000434	LG2	hypothetical protein JCGZ_195	not DE	not DE	not DE	not DE
EVM0018065	LG2	hypothetical protein JCGZ_267	not DE	not DE	not DE	not DE
EVM0003809	LG2	hypothetical protein JCGZ_267	not DE	not DE	-2.55627	0.00232
EVM0005458	LG2	hypothetical protein JCGZ_267	not DE	not DE	not DE	not DE
EVM0015000	LG2	hypothetical protein L484_003	not DE	not DE	not DE	not DE
EVM0008821	LG2	hypothetical protein L484_004	-2.09986	9.21E-05	1.212091	0.00544
EVM0001151	LG2	hypothetical protein L484_008	not DE	not DE	not DE	not DE
EVM0020996	LG2	hypothetical protein L484_012	not DE	not DE	not DE	not DE
EVM0024310	LG2	hypothetical protein L484_013	not DE	not DE	not DE	not DE
EVM0018943	LG2	hypothetical protein L484_013	not DE	not DE	not DE	not DE
EVM0006488	LG2	hypothetical protein L484_016	not DE	not DE	not DE	not DE
EVM0013280	LG2	hypothetical protein L484_023	not DE	not DE	not DE	not DE
EVM0016699	LG2	hypothetical protein L484_023	not DE	not DE	not DE	not DE
EVM0003914	LG2	hypothetical protein L484_024	not DE	not DE	not DE	not DE
EVM0000824	LG2	hypothetical protein L484_024	not DE	not DE	not DE	not DE



EVM0021453	LG2	hypothetical protein L484_026	3.287864	0.026297	not DE	not DE
EVM0012164	LG2	hypothetical protein M569_157	not DE	not DE	not DE	not DE
EVM0019037	LG2	hypothetical protein M569_157	not DE	not DE	not DE	not DE
EVM0009943	LG2	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0004266	LG2	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0018382	LG2	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0000587	LG2	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0005137	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0018864	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0005065	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010170	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000729	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002913	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0021802	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002366	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0003659	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0024007	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0008007	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0012541	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0014588	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0018634	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0017115	LG2	hypothetical protein POPTR_00	not DE	not DE	1.674085	#####
EVM0012668	LG2	hypothetical protein POPTR_00	not DE	not DE	1.301801	0.00735
EVM0008962	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010395	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0021057	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0011410	LG2	hypothetical protein POPTR_00	-2.28096	0.033774	not DE	not DE
EVM0021047	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0022980	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0018242	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020570	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0015102	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006125	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0015883	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0009729	LG2	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0005122	LG2	hypothetical protein POPTR_00	not DE	not DE	1.034012	0.00089
EVM0014196	LG2	hypothetical protein POPTR_01	not DE	not DE	not DE	not DE
EVM0004849	LG2	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0006358	LG2	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0008167	LG2	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0017490	LG2	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0013097	LG2	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0006394	LG2	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0019053	LG2	hypothetical protein PRUPE_pp	1.292007	0.038468	1.56489	0.00871
EVM0017497	LG2	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0015578	LG2	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0023657	LG2	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0017980	LG2	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0003251	LG2	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0011737	LG2	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0013540	LG2	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0004720	LG2	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0008629	LG2	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0018209	LG2	hypothetical protein RCOM_061	-2.70752	0.000867	not DE	not DE

EVM0006849	LG2	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0014700	LG2	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0008452	LG2	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0007987	LG2	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0021235	LG2	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0009676	LG2	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0001541	LG2	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0007203	LG2	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0008000	LG2	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0003442	LG2	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0016780	LG2	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0014859	LG2	integral membrane family prot	not DE	not DE	not DE	not DE
EVM0005548	LG2	integrase	not DE	not DE	not DE	not DE
EVM0013430	LG2	kinase family protein	not DE	not DE	not DE	not DE
EVM0023487	LG2	leucine-rich repeat family pr	not DE	not DE	-1.12772	0.03932
EVM0003461	LG2	maternal effect embryo arrest	3.289577	0.000289	not DE	not DE
EVM0018988	LG2	multicopper oxidase, putative	-1.77237	0.000817	not DE	not DE
EVM0002204	LG2	nodulin family protein	not DE	not DE	not DE	not DE
EVM0018572	LG2	plant defensin	not DE	not DE	not DE	not DE
EVM0018764	LG2	plant defensin	not DE	not DE	not DE	not DE
EVM0024026	LG2	plant defensin	not DE	not DE	not DE	not DE
EVM0019590	LG2	proline-rich family protein	not DE	not DE	not DE	not DE
EVM0023339	LG2	proton-dependent oligopeptide	not DE	not DE	not DE	not DE
EVM0020964	LG2	putative E3 ubiquitin-protein	not DE	not DE	not DE	not DE
EVM0015600	LG2	putative cinnamyl alcohol deh	not DE	not DE	not DE	not DE
EVM0002862	LG2	putative non-specific lipid-t	not DE	not DE	not DE	not DE
EVM0006240	LG2	putative plastid-lipid-associ	not DE	not DE	not DE	not DE
EVM0004132	LG2	senescence-associated family	not DE	not DE	not DE	not DE
EVM0007888	LG2	serine carboxypeptidase, puta	not DE	not DE	not DE	not DE
EVM0006138	LG2	sesquiterpene synthase	not DE	not DE	not DE	not DE
EVM0015188	LG2	sesquiterpene synthase	not DE	not DE	not DE	not DE
EVM0020863	LG2	sesquiterpene synthase	not DE	not DE	not DE	not DE
EVM0012698	LG2	short vegetative phase 2	not DE	not DE	not DE	not DE
EVM0009623	LG2	squalene monooxygenase 3	not DE	not DE	not DE	not DE
EVM0016006	LG2	squalene monooxygenase 3	not DE	not DE	not DE	not DE
EVM0019260	LG2	squalene monooxygenase 3	not DE	not DE	not DE	not DE
EVM0022539	LG2	squalene monooxygenase 3	not DE	not DE	not DE	not DE
EVM0007211	LG2	squalene synthase	not DE	not DE	not DE	not DE
EVM0012151	LG2	squalene synthase	not DE	not DE	not DE	not DE
EVM0013617	LG2	squalene synthase	not DE	not DE	not DE	not DE
EVM0015469	LG2	squalene synthase	not DE	not DE	not DE	not DE
EVM0016079	LG2	squalene synthase	not DE	not DE	not DE	not DE
EVM0016266	LG2	squalene synthase	not DE	not DE	not DE	not DE
EVM0017090	LG2	squalene synthase	not DE	not DE	not DE	not DE
EVM0021469	LG2	squalene synthase	not DE	not DE	not DE	not DE
EVM0022584	LG2	squalene synthase	not DE	not DE	not DE	not DE
EVM0013320	LG2	transposase	not DE	not DE	not DE	not DE
EVM0012579	LG2	tubulin alpha chain, putative	not DE	not DE	not DE	not DE
EVM0001376	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0002936	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0003345	LG2	unknown protein	not DE	not DE	1.33041	0.02506
EVM0003524	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0003850	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0003851	LG2	unknown protein	not DE	not DE	not DE	not DE

EVM0004128	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0005659	LG2	unknown protein	2.293943	0.003796	not DE	not DE
EVM0006262	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0006495	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0007215	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0008133	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0008701	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0009366	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0011637	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0012999	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0014215	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0014228	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0014723	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0015875	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0016907	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0017974	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0018176	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0018949	LG2	unknown protein	-2.48274	0.032246	-2.35176	0.02437
EVM0019384	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0019464	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0020416	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0020678	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0020728	LG2	unknown protein	2.102249	0.005805	2.85348	#####
EVM0020730	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0021378	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0022272	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0024627	LG2	unknown protein	not DE	not DE	not DE	not DE
EVM0002592	LG2	unnamed protein product	not DE	not DE	5.241993	0.00741
EVM0004340	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0004820	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0005008	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0006979	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0007778	LG2	unnamed protein product	-3.39041	0.00121	not DE	not DE
EVM0008148	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0008288	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0008455	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0008538	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0009845	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0009866	LG2	unnamed protein product	-3.47975	0.04183	not DE	not DE
EVM0010085	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0011651	LG2	unnamed protein product	2.201501	0.017999	not DE	not DE
EVM0013127	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0014758	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0015490	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0016080	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0017759	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0018744	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0019661	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0020026	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0020842	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0021644	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0022364	LG2	unnamed protein product	not DE	not DE	not DE	not DE
EVM0005730	LG3	1-aminocyclopropane-1-carbox	not DE	not DE	5.325539	#####
EVM0020898	LG3	1-aminocyclopropane-1-carbox	not DE	not DE	not DE	not DE

EVM0002958	LG3	2-alkenal reductase (NADP(+)	not DE	not DE	not DE	not DE
EVM0003055	LG3	2-alkenal reductase (NADP(+)	-1.58863	0.001258	not DE	not DE
EVM0005053	LG3	2-alkenal reductase (NADP(+)	not DE	not DE	not DE	not DE
EVM0006528	LG3	2-alkenal reductase (NADP(+)	not DE	not DE	not DE	not DE
EVM0009466	LG3	2-alkenal reductase (NADP(+)	not DE	not DE	not DE	not DE
EVM0015005	LG3	2-alkenal reductase (NADP(+)	not DE	not DE	not DE	not DE
EVM0024480	LG3	2-alkenal reductase (NADP(+)	not DE	not DE	not DE	not DE
EVM0006605	LG3	29 kDa ribonucleoprotein, ch	not DE	not DE	not DE	not DE
EVM0003762	LG3	3-isopropylmalate dehydratas	not DE	not DE	not DE	not DE
EVM0013003	LG3	30S ribosomal protein S1, ch	not DE	not DE	not DE	not DE
EVM0011815	LG3	30S ribosomal protein S1, ch	not DE	not DE	not DE	not DE
EVM0016371	LG3	36.4 kDa proline-rich protei	not DE	not DE	not DE	not DE
EVM0001515	LG3	3beta-hydroxysteroid-dehydro	not DE	not DE	not DE	not DE
EVM0020343	LG3	40S ribosomal protein S11-li	not DE	not DE	not DE	not DE
EVM0024432	LG3	40S ribosomal protein S18	not DE	not DE	not DE	not DE
EVM0023775	LG3	50S ribosomal protein L18, c	not DE	not DE	not DE	not DE
EVM0002946	LG3	50S ribosomal protein L18, c	not DE	not DE	not DE	not DE
EVM0003692	LG3	50S ribosomal protein L3-2,	not DE	not DE	not DE	not DE
EVM0004758	LG3	54S ribosomal protein L39, m	not DE	not DE	not DE	not DE
EVM0008893	LG3	60S ribosomal protein L2, mi	not DE	not DE	not DE	not DE
EVM0009038	LG3	60S ribosomal protein L2, mi	not DE	not DE	not DE	not DE
EVM0010100	LG3	60S ribosomal protein L22-2-	not DE	not DE	not DE	not DE
EVM0024600	LG3	7-hydroxymethyl chlorophyll	not DE	not DE	not DE	not DE
EVM0006883	LG3	ABC transporter C family mem	not DE	not DE	not DE	not DE
EVM0017456	LG3	ADP-ribosylation factor-bind	not DE	not DE	not DE	not DE
EVM0010077	LG3	ADP-ribosylation factor-like	not DE	not DE	not DE	not DE
EVM0012925	LG3	AMSH-like ubiquitin thioeste	not DE	not DE	not DE	not DE
EVM0018945	LG3	ARM REPEAT PROTEIN INTERACTI	not DE	not DE	not DE	not DE
EVM0002091	LG3	ATP-citrate synthase alpha c	-1.62792	0.004721	not DE	not DE
EVM0002683	LG3	ATP-citrate synthase alpha c	not DE	not DE	not DE	not DE
EVM0019109	LG3	ATP-citrate synthase alpha c	not DE	not DE	not DE	not DE
EVM0021942	LG3	ATP-citrate synthase alpha c	not DE	not DE	not DE	not DE
EVM0012257	LG3	ATP-citrate synthase alpha c	not DE	not DE	not DE	not DE
EVM0008425	LG3	ATP-dependent Clp protease p	not DE	not DE	not DE	not DE
EVM0018804	LG3	ATP-dependent Clp protease p	not DE	not DE	not DE	not DE
EVM0008514	LG3	ATP-dependent DNA helicase C	not DE	not DE	not DE	not DE
EVM0009169	LG3	BTB/POZ and MATH domain-cont	not DE	not DE	not DE	not DE
EVM0022878	LG3	CAS1 domain-containing prote	not DE	not DE	not DE	not DE
EVM0021017	LG3	CASP-like protein 1E2	not DE	not DE	1.256338	0.04619
EVM0021204	LG3	CLAVATA3/ESR (CLE)-related p	not DE	not DE	not DE	not DE
EVM0023965	LG3	COBRA-like protein 7	not DE	not DE	not DE	not DE
EVM0018392	LG3	CRC domain-containing protei	not DE	not DE	not DE	not DE
EVM0007962	LG3	CRIB domain-containing prote	not DE	not DE	not DE	not DE
EVM0014346	LG3	CTD small phosphatase-like p	not DE	not DE	not DE	not DE
EVM0017154	LG3	DDB1- and CUL4-associated fa	not DE	not DE	-1.24822	#####
EVM0017531	LG3	DEAD-box ATP-dependent RNA h	not DE	not DE	not DE	not DE
EVM0007394	LG3	DELLA protein GAI1-like	not DE	not DE	not DE	not DE
EVM0020915	LG3	DNA cross-link repair 1A pro	not DE	not DE	not DE	not DE
EVM0003049	LG3	DNA polymerase theta-like is	not DE	not DE	not DE	not DE
EVM0019752	LG3	DNA repair protein XRCC4-lik	not DE	not DE	not DE	not DE
EVM0009334	LG3	DNA replication complex GINS	not DE	not DE	not DE	not DE
EVM0007046	LG3	DNA-directed RNA polymerase	not DE	not DE	not DE	not DE
EVM0024265	LG3	DNA-directed RNA polymerase	not DE	not DE	not DE	not DE
EVM0000383	LG3	DNA-directed RNA polymerase	not DE	not DE	not DE	not DE

EVM0012186	LG3	DNA-directed RNA polymerase	not DE	not DE	not DE	not DE
EVM0000506	LG3	DNA-directed RNA polymerases	not DE	not DE	not DE	not DE
EVM0012394	LG3	DNA-directed RNA polymerases	not DE	not DE	not DE	not DE
EVM0008938	LG3	DUF21 domain-containing prot	not DE	not DE	not DE	not DE
EVM0018831	LG3	E3 ubiquitin protein ligase	not DE	not DE	not DE	not DE
EVM0009482	LG3	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0003008	LG3	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0021385	LG3	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0002493	LG3	EG45-like domain containing	not DE	not DE	not DE	not DE
EVM0013446	LG3	ER lumen protein retaining r	not DE	not DE	not DE	not DE
EVM0011562	LG3	ER membrane protein complex	not DE	not DE	not DE	not DE
EVM0003359	LG3	F-box protein AFR-like	not DE	not DE	not DE	not DE
EVM0018660	LG3	F-box protein CPR30-like	not DE	not DE	not DE	not DE
EVM0015540	LG3	F-box protein PP2-B15-like	not DE	not DE	not DE	not DE
EVM0007925	LG3	F-box/LRR-repeat protein 4-l	not DE	not DE	not DE	not DE
EVM0006461	LG3	F-box/ankyrin repeat protein	not DE	not DE	not DE	not DE
EVM0012102	LG3	F-box/kelch-repeat protein A	not DE	not DE	not DE	not DE
EVM0000952	LG3	F-box/kelch-repeat protein A	not DE	not DE	not DE	not DE
EVM0024290	LG3	F-box/kelch-repeat protein A	not DE	not DE	not DE	not DE
EVM0000356	LG3	FRIGIDA-like protein 4a-like	not DE	not DE	not DE	not DE
EVM0004547	LG3	Fanconi anemia group I prote	not DE	not DE	not DE	not DE
EVM0022914	LG3	GDT1-like protein 2, chlorop	not DE	not DE	not DE	not DE
EVM0023251	LG3	Golgi apparatus membrane pro	not DE	not DE	not DE	not DE
EVM0013711	LG3	HBS1-like protein-like isofo	not DE	not DE	not DE	not DE
EVM0018639	LG3	L-arabinokinase-like isoform	not DE	not DE	-1.9227	#####
EVM0013082	LG3	L-gulonolactone oxidase	not DE	not DE	not DE	not DE
EVM0007908	LG3	LOW QUALITY PROTEIN: 1-Cys p	not DE	not DE	not DE	not DE
EVM0006026	LG3	LOW QUALITY PROTEIN: 1-amino	not DE	not DE	not DE	not DE
EVM0002228	LG3	LOW QUALITY PROTEIN: DNA pol	not DE	not DE	not DE	not DE
EVM0008276	LG3	LOW QUALITY PROTEIN: DNA rep	not DE	not DE	not DE	not DE
EVM0011748	LG3	LOW QUALITY PROTEIN: GTPase-	not DE	not DE	not DE	not DE
EVM0013894	LG3	LOW QUALITY PROTEIN: GTPase-	not DE	not DE	not DE	not DE
EVM0009108	LG3	LOW QUALITY PROTEIN: unchara	not DE	not DE	not DE	not DE
EVM0009413	LG3	LOW QUALITY PROTEIN: vacuole	not DE	not DE	not DE	not DE
EVM0019923	LG3	LRR receptor-like serine/thr	-2.78017	0.009032	not DE	not DE
EVM0005838	LG3	LRR receptor-like serine/thr	not DE	not DE	not DE	not DE
EVM0015415	LG3	MATH domain-containing prote	1.124057	0.002298	not DE	not DE
EVM0017896	LG3	MLO-like protein 1-like	not DE	not DE	not DE	not DE
EVM0023289	LG3	MLO-like protein 1-like	not DE	not DE	not DE	not DE
EVM0003399	LG3	NAC transcription factor 25-	not DE	not DE	not DE	not DE
EVM0004844	LG3	NAC transcription factor 25-	not DE	not DE	not DE	not DE
EVM0005422	LG3	NAC transcription factor 25-	not DE	not DE	not DE	not DE
EVM0010722	LG3	NAC transcription factor 25-	not DE	not DE	not DE	not DE
EVM0014570	LG3	NAC transcription factor 25-	not DE	not DE	not DE	not DE
EVM0021022	LG3	NAC transcription factor 25-	not DE	not DE	not DE	not DE
EVM0021739	LG3	NADH dehydrogenase	not DE	not DE	not DE	not DE
EVM0006987	LG3	NEDD8-activating enzyme E1 c	not DE	not DE	not DE	not DE
EVM0018086	LG3	NIPA-like protein 2-like	not DE	not DE	not DE	not DE
EVM0017373	LG3	PHD finger-like domain-conta	not DE	not DE	not DE	not DE
EVM0007540	LG3	REF/SRPP-like protein At3g05	not DE	not DE	not DE	not DE
EVM0012844	LG3	RING-H2 finger protein ATL45	1.253525	0.00066	1.605791	#####
EVM0002036	LG3	RNA polymerase-associated pr	not DE	not DE	not DE	not DE
EVM0019014	LG3	RNA pseudouridine synthase l	not DE	not DE	not DE	not DE
EVM0021888	LG3	RPM1-interacting protein 4-l	not DE	not DE	not DE	not DE

EVM0007428	LG3	SART-1 family protein DOT2	not DE	not DE	not DE	not DE
EVM0005002	LG3	SWR1-complex protein 4-like	not DE	not DE	not DE	not DE
EVM0022003	LG3	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0001175	LG3	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0001137	LG3	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0009674	LG3	U1 small nuclear ribonucleop	not DE	not DE	not DE	not DE
EVM0014979	LG3	U5 small nuclear ribonucleop	not DE	not DE	not DE	not DE
EVM0017766	LG3	U6 snRNA-associated Sm-like	not DE	not DE	not DE	not DE
EVM0009138	LG3	UBX domain-containing protei	not DE	not DE	not DE	not DE
EVM0023620	LG3	UDP-glucuronate 4-epimerase	-1.18767	0.043697	not DE	not DE
EVM0016155	LG3	UDP-glucuronic acid decarbox	not DE	not DE	not DE	not DE
EVM0010167	LG3	UDP-glycosyltransferase 73C3	not DE	not DE	not DE	not DE
EVM0013179	LG3	UDP-glycosyltransferase 73C3	not DE	not DE	not DE	not DE
EVM0000941	LG3	UDP-glycosyltransferase 74E2	-1.65255	0.003049	not DE	not DE
EVM0005883	LG3	UDP-glycosyltransferase 74F2	not DE	not DE	not DE	not DE
EVM0011461	LG3	UDP-glycosyltransferase 74F2	not DE	not DE	not DE	not DE
EVM0020660	LG3	UDP-glycosyltransferase 74F2	not DE	not DE	not DE	not DE
EVM0002733	LG3	UDP-glycosyltransferase 83A1	not DE	not DE	not DE	not DE
EVM0012968	LG3	UDP-glycosyltransferase 83A1	not DE	not DE	not DE	not DE
EVM0005958	LG3	UV radiation resistance-assoc	not DE	not DE	not DE	not DE
EVM0022694	LG3	V-type proton ATPase subunit	not DE	not DE	not DE	not DE
EVM0010644	LG3	acetyl-CoA-benzylalcohol ace	not DE	not DE	not DE	not DE
EVM0016356	LG3	actin-related protein 2/3 co	not DE	not DE	not DE	not DE
EVM0011990	LG3	acyl-CoA-binding domain-cont	not DE	not DE	not DE	not DE
EVM0003315	LG3	acyl-CoA-binding domain-cont	not DE	not DE	not DE	not DE
EVM0012846	LG3	acyl-[acyl-carrier-protein]	-1.1206	0.030443	not DE	not DE
EVM0023103	LG3	acyl-[acyl-carrier-protein]	not DE	not DE	not DE	not DE
EVM0012029	LG3	acyl-coenzyme A thioesterase	not DE	not DE	not DE	not DE
EVM0003023	LG3	acyl-protein thioesterase 2	not DE	not DE	not DE	not DE
EVM0015741	LG3	adrenodoxin-like protein, mi	not DE	not DE	not DE	not DE
EVM0006204	LG3	alkaline ceramidase 3-like	not DE	not DE	not DE	not DE
EVM0012773	LG3	alpha-aminoadipic semialdehy	2.126878	0.00681	not DE	not DE
EVM0018166	LG3	alpha-ketoglutarate-dependen	not DE	not DE	not DE	not DE
EVM0010660	LG3	amino acid permease 8-like	not DE	not DE	not DE	not DE
EVM0022218	LG3	ammonium transporter 1 membe	not DE	not DE	not DE	not DE
EVM0006890	LG3	ammonium transporter 3 membe	not DE	not DE	not DE	not DE
EVM0007131	LG3	anaphase-promoting complex s	not DE	not DE	not DE	not DE
EVM0003718	LG3	anaphase-promoting complex s	not DE	not DE	not DE	not DE
EVM0002982	LG3	ankyrin repeat domain-contain	not DE	not DE	not DE	not DE
EVM0008794	LG3	ankyrin repeat-containing pr	not DE	not DE	not DE	not DE
EVM0021885	LG3	ankyrin repeat-containing pr	not DE	not DE	not DE	not DE
EVM0016224	LG3	ankyrin repeat-containing pr	not DE	not DE	not DE	not DE
EVM0011542	LG3	aspartate aminotransferase 3	2.592205	0.001355	not DE	not DE
EVM0005492	LG3	aspartate aminotransferase,	not DE	not DE	not DE	not DE
EVM0000554	LG3	aspartic proteinase CDR1-like	not DE	not DE	not DE	not DE
EVM0012455	LG3	auxin-induced protein 22D	-2.38616	0.045473	not DE	not DE
EVM0019437	LG3	auxin-responsive protein IAA	not DE	not DE	not DE	not DE
EVM0010351	LG3	auxin-responsive protein IAA	not DE	not DE	not DE	not DE
EVM0000706	LG3	basic 7S globulin-like	not DE	not DE	not DE	not DE
EVM0012554	LG3	basic leucine zipper 9-like	not DE	not DE	not DE	not DE
EVM0022245	LG3	bifunctional epoxide hydrola	1.006811	0.048081	1.250921	0.00557
EVM0014536	LG3	bifunctional purple acid pho	not DE	not DE	not DE	not DE
EVM0020547	LG3	boron transporter 4	not DE	not DE	not DE	not DE
EVM0001554	LG3	branched-chain-amino-acid am	not DE	not DE	not DE	not DE

EVM0017047	LG3	brefeldin A-inhibited guanin	not DE	not DE	-1.27996	#####
EVM0008858	LG3	bromodomain and WD repeat-co	not DE	not DE	not DE	not DE
EVM0014748	LG3	caffeoylshikimate esterase-l	not DE	not DE	not DE	not DE
EVM0015372	LG3	calcium homeostasis endoplas	not DE	not DE	-1.1954	#####
EVM0007993	LG3	calcium-dependent protein kin	not DE	not DE	not DE	not DE
EVM0000421	LG3	calmodulin-4	not DE	not DE	not DE	not DE
EVM0006436	LG3	calmodulin-binding transcrip	not DE	not DE	not DE	not DE
EVM0015956	LG3	calmodulin-like protein 11-l	not DE	not DE	not DE	not DE
EVM0008974	LG3	calmodulin-like protein 3	not DE	not DE	not DE	not DE
EVM0009490	LG3	carbon catabolite repressor	not DE	not DE	not DE	not DE
EVM0003379	LG3	carotenoid 9,10(9&apos;;10&a	not DE	not DE	not DE	not DE
EVM0020438	LG3	carotenoid 9,10(9&apos;;10&a	not DE	not DE	not DE	not DE
EVM0014353	LG3	casein kinase I isoform delt	not DE	not DE	not DE	not DE
EVM0023375	LG3	cation transport regulator-l	not DE	not DE	not DE	not DE
EVM0015771	LG3	cation/H(+) antiporter 19	not DE	not DE	not DE	not DE
EVM0002876	LG3	cellulose synthase-like prot	not DE	not DE	not DE	not DE
EVM0008948	LG3	cellulose synthase-like prot	not DE	not DE	not DE	not DE
EVM0015227	LG3	chaperonin CPN60-2, mitochon	not DE	not DE	-1.81815	#####
EVM0007517	LG3	chitinase-like protein 2-lik	not DE	not DE	not DE	not DE
EVM0005208	LG3	chitotriosidase-1-like	not DE	not DE	not DE	not DE
EVM0006395	LG3	chloride channel protein CLC	not DE	not DE	not DE	not DE
EVM0019687	LG3	chlorophyll a-b binding prot	not DE	not DE	not DE	not DE
EVM0014544	LG3	chloroplastic group IIA intr	not DE	not DE	not DE	not DE
EVM0022335	LG3	chromatin modification-relat	not DE	not DE	not DE	not DE
EVM0001093	LG3	chromatin structure-remodeli	not DE	not DE	not DE	not DE
EVM0022885	LG3	chromatin structure-remodeli	not DE	not DE	not DE	not DE
EVM0010476	LG3	chromosome transmission fide	not DE	not DE	not DE	not DE
EVM0018252	LG3	classical arabinogalactan pr	not DE	not DE	not DE	not DE
EVM0012736	LG3	coiled-coil domain-containin	not DE	not DE	not DE	not DE
EVM0024397	LG3	coiled-coil domain-containin	not DE	not DE	not DE	not DE
EVM0016659	LG3	conserved oligomeric Golgi c	not DE	not DE	not DE	not DE
EVM0013074	LG3	craniofacial development pro	not DE	not DE	not DE	not DE
EVM0018397	LG3	crocetin glucosyltransferase	not DE	not DE	not DE	not DE
EVM0021868	LG3	crocetin glucosyltransferase	not DE	not DE	-1.26599	0.02804
EVM0008762	LG3	cryptochrome DASH, chloropl	not DE	not DE	not DE	not DE
EVM0004793	LG3	cyanate hydratase-like	not DE	not DE	not DE	not DE
EVM0011011	LG3	cyanate hydratase-like	not DE	not DE	not DE	not DE
EVM0018996	LG3	cyclin-A2-1-like	not DE	not DE	not DE	not DE
EVM0012453	LG3	cyclin-dependent kinase inhi	not DE	not DE	not DE	not DE
EVM0023417	LG3	cytochrome b-c1 complex subu	not DE	not DE	not DE	not DE
EVM0014470	LG3	cytokinesis protein sepA-lik	not DE	not DE	not DE	not DE
EVM0002672	LG3	deSI-like protein At4g17486	not DE	not DE	not DE	not DE
EVM0009286	LG3	dehydration-responsive prote	not DE	not DE	not DE	not DE
EVM0004817	LG3	derlin-1	not DE	not DE	not DE	not DE
EVM0006662	LG3	dihydrolipoyl dehydrogenase	not DE	not DE	not DE	not DE
EVM0015794	LG3	diphthamide biosynthesis pro	not DE	not DE	not DE	not DE
EVM0006868	LG3	disease resistance protein A	not DE	not DE	not DE	not DE
EVM0001520	LG3	divinyl chlorophyllide a 8-v	not DE	not DE	not DE	not DE
EVM0021058	LG3	double-stranded RNA-binding	not DE	not DE	not DE	not DE
EVM0020470	LG3	dual specificity protein kin	not DE	not DE	not DE	not DE
EVM0016927	LG3	dymeclin-like isoform X2	not DE	not DE	not DE	not DE
EVM0019952	LG3	dynamamin-related protein 3A-l	not DE	not DE	not DE	not DE
EVM0003844	LG3	early nodulin-93-like	not DE	not DE	not DE	not DE
EVM0005337	LG3	early nodulin-like protein 3	not DE	not DE	not DE	not DE

EVM0002819	LG3	egg cell-secreted protein 1.	not DE	not DE	not DE	not DE
EVM0018969	LG3	electron transfer flavoprotein	not DE	not DE	not DE	not DE
EVM0020114	LG3	endo-1,3;1,4-beta-D-glucanase	not DE	not DE	not DE	not DE
EVM0004845	LG3	endoglucanase 16-like	not DE	not DE	not DE	not DE
EVM0010921	LG3	endonuclease III homolog 1,	not DE	not DE	not DE	not DE
EVM0016446	LG3	endoribonuclease Dicer homolog	not DE	not DE	not DE	not DE
EVM0018910	LG3	enhancer of rudimentary homology	not DE	not DE	not DE	not DE
EVM0020387	LG3	enhancer of rudimentary homology	not DE	not DE	not DE	not DE
EVM0018243	LG3	enolase-phosphatase E1-like	not DE	not DE	not DE	not DE
EVM0022385	LG3	enoyl-CoA hydratase domain-containing	not DE	not DE	not DE	not DE
EVM0000338	LG3	ethylene-responsive transcription factor	not DE	not DE	-4.59712	#####
EVM0011042	LG3	ethylene-responsive transcription factor	not DE	not DE	not DE	not DE
EVM0008114	LG3	eukaryotic initiation factor 4E	not DE	not DE	not DE	not DE
EVM0022273	LG3	eukaryotic translation initiation factor	not DE	not DE	not DE	not DE
EVM0007629	LG3	eukaryotic translation initiation factor	not DE	not DE	not DE	not DE
EVM0024109	LG3	exopolygalacturonase-like	not DE	not DE	not DE	not DE
EVM0023034	LG3	exosome complex exonuclease	not DE	not DE	not DE	not DE
EVM0009284	LG3	extensin-3-like, partial	not DE	not DE	-2.2692	0.03186
EVM0022628	LG3	flavonol synthase/flavanone synthase	not DE	not DE	not DE	not DE
EVM0016600	LG3	flotillin-like protein 4	not DE	not DE	not DE	not DE
EVM0024192	LG3	flowering-promoting factor 1	not DE	not DE	not DE	not DE
EVM0015053	LG3	flowering-promoting factor 1	not DE	not DE	not DE	not DE
EVM0007566	LG3	folate-biopterin transporter	not DE	not DE	not DE	not DE
EVM0019648	LG3	formin-like protein 2-like	not DE	not DE	not DE	not DE
EVM0013274	LG3	galactokinase	not DE	not DE	not DE	not DE
EVM0000584	LG3	gamma-secretase subunit APH1	not DE	not DE	not DE	not DE
EVM0001122	LG3	general transcription factor	not DE	not DE	not DE	not DE
EVM0015890	LG3	gibberellin-regulated protein 1	not DE	not DE	not DE	not DE
EVM0017319	LG3	gibberellin-regulated protein 1	not DE	not DE	not DE	not DE
EVM0009173	LG3	glucan endo-1,3-beta-glucosidase	not DE	not DE	not DE	not DE
EVM0006997	LG3	glucan endo-1,3-beta-glucosidase	not DE	not DE	not DE	not DE
EVM0011220	LG3	glucose-1-phosphate adenylylase	-1.34082	0.021961	not DE	not DE
EVM0015967	LG3	glucose-1-phosphate adenylylase	not DE	not DE	not DE	not DE
EVM0019618	LG3	glucose-6-phosphate 1-dehydrogenase	not DE	not DE	not DE	not DE
EVM0023715	LG3	haloacid dehalogenase-like	not DE	not DE	not DE	not DE
EVM0023941	LG3	heat stress transcription factor	not DE	not DE	not DE	not DE
EVM0019635	LG3	heparanase-like protein 3-like	not DE	not DE	not DE	not DE
EVM0011817	LG3	hepatocyte growth factor-regulated	not DE	not DE	not DE	not DE
EVM0006753	LG3	high mobility group B protein	not DE	not DE	not DE	not DE
EVM0020480	LG3	histidine kinase CKII-like	not DE	not DE	not DE	not DE
EVM0021200	LG3	histidine kinase CKII-like	not DE	not DE	not DE	not DE
EVM0004491	LG3	histidine protein methyltransferase	not DE	not DE	not DE	not DE
EVM0008682	LG3	histidine protein methyltransferase	not DE	not DE	not DE	not DE
EVM0010047	LG3	histidine protein methyltransferase	not DE	not DE	not DE	not DE
EVM0000103	LG3	histidine-containing phosphotransferase	not DE	not DE	not DE	not DE
EVM0009154	LG3	histone-lysine N-methyltransferase	not DE	not DE	not DE	not DE
EVM0021452	LG3	homeobox protein knotted-1-like	not DE	not DE	not DE	not DE
EVM0016126	LG3	hydroxyethylthiazole kinase	not DE	not DE	not DE	not DE
EVM0017466	LG3	importin subunit alpha-1 isoform	not DE	not DE	not DE	not DE
EVM0003409	LG3	inorganic phosphate transporter	not DE	not DE	not DE	not DE
EVM0016779	LG3	inorganic phosphate transporter	-1.87105	0.001098	not DE	not DE
EVM0019247	LG3	inositol-tetrakisphosphate 1-kinase	not DE	not DE	not DE	not DE
EVM0016024	LG3	isoleucine--tRNA ligase, cytosolic	not DE	not DE	not DE	not DE
EVM0018185	LG3	kinesin-like protein KIF11-A	not DE	not DE	not DE	not DE



EVM0009421	LG3	kinesin-like protein KIN12B-	not DE	not DE	not DE	not DE
EVM0002607	LG3	kinesin-like protein NACK2-l	not DE	not DE	not DE	not DE
EVM0007347	LG3	lachrymatory-factor synthase	-1.49135	0.039816	not DE	not DE
EVM0017074	LG3	lachrymatory-factor synthase	not DE	not DE	not DE	not DE
EVM0012826	LG3	lactation elevated protein l	not DE	not DE	not DE	not DE
EVM0002551	LG3	lactoylglutathione lyase-lik	not DE	not DE	not DE	not DE
EVM0002605	LG3	late embryogenesis abundant	not DE	not DE	not DE	not DE
EVM0019404	LG3	late embryogenesis abundant	not DE	not DE	not DE	not DE
EVM0000555	LG3	late embryogenesis abundant	not DE	not DE	not DE	not DE
EVM0002290	LG3	lateral signaling target pro	1.340914	0.006481	not DE	not DE
EVM0013035	LG3	leucine-rich repeat extensin	not DE	not DE	not DE	not DE
EVM0008057	LG3	leucine-rich repeat extensin	not DE	not DE	not DE	not DE
EVM0014191	LG3	leucine-rich repeat extensin	not DE	not DE	not DE	not DE
EVM0022562	LG3	lipoamide acyltransferase co	not DE	not DE	not DE	not DE
EVM0020150	LG3	lon protease homolog 1, mito	not DE	not DE	-1.44401	#####
EVM0019432	LG3	luminal-binding protein 4-li	-3.74826	6.45E-09	-4.27028	#####
EVM0002110	LG3	lysM domain receptor-like ki	not DE	not DE	not DE	not DE
EVM0023308	LG3	lysine-specific demethylase	-1.84193	0.000319	not DE	not DE
EVM0021192	LG3	major allergen Pru ar 1	-3.81115	7.75E-05	not DE	not DE
EVM0011103	LG3	major allergen Pru ar 1-like	not DE	not DE	not DE	not DE
EVM0014957	LG3	major pollen allergen Bet v	not DE	not DE	not DE	not DE
EVM0014350	LG3	mechanosensitive ion channel	not DE	not DE	not DE	not DE
EVM0020316	LG3	mechanosensitive ion channel	not DE	not DE	not DE	not DE
EVM0014105	LG3	meiotic recombination protei	not DE	not DE	not DE	not DE
EVM0000249	LG3	membrane-associated 30 kDa p	not DE	not DE	not DE	not DE
EVM0001839	LG3	membrane-associated 30 kDa p	not DE	not DE	not DE	not DE
EVM0003102	LG3	methylenetetrahydrofolate re	not DE	not DE	not DE	not DE
EVM0014742	LG3	methyltransferase-like prote	not DE	not DE	not DE	not DE
EVM0024523	LG3	mitogen-activated protein ki	not DE	not DE	not DE	not DE
EVM0007172	LG3	monothiol glutaredoxin-S10	not DE	not DE	not DE	not DE
EVM0019442	LG3	myb family transcription fac	not DE	not DE	not DE	not DE
EVM0003265	LG3	myb-related protein 308-like	not DE	not DE	not DE	not DE
EVM0008486	LG3	myb-related protein 308-like	-4.47379	3.90E-05	not DE	not DE
EVM0015447	LG3	myb-related protein Myb4-lik	not DE	not DE	not DE	not DE
EVM0001012	LG3	myosin-6 isoform X2	not DE	not DE	not DE	not DE
EVM0013808	LG3	myosin-6-like	not DE	not DE	not DE	not DE
EVM0001582	LG3	neurochondrin-like	not DE	not DE	not DE	not DE
EVM0014524	LG3	non-lysosomal glucosylcerami	not DE	not DE	not DE	not DE
EVM0015661	LG3	nuclear export mediator fact	not DE	not DE	not DE	not DE
EVM0013815	LG3	nuclear factor 7, brain-like	not DE	not DE	not DE	not DE
EVM0008222	LG3	nuclear nucleic acid-binding	not DE	not DE	not DE	not DE
EVM0009584	LG3	nuclear pore complex protein	not DE	not DE	not DE	not DE
EVM0003776	LG3	nuclear pore complex protein	1.944031	0.032036	not DE	not DE
EVM0009574	LG3	nucleoprotein TPR-like isof	not DE	not DE	not DE	not DE
EVM0019654	LG3	omega-amidase, chloroplastic	not DE	not DE	not DE	not DE
EVM0001555	LG3	outer envelope pore protein	not DE	not DE	not DE	not DE
EVM0018758	LG3	paired amphipathic helix pro	not DE	not DE	not DE	not DE
EVM0023605	LG3	pathogen-related protein-lik	not DE	not DE	not DE	not DE
EVM0004893	LG3	pathogenesis-related protein	not DE	not DE	not DE	not DE
EVM0013649	LG3	pathogenesis-related protein	not DE	not DE	not DE	not DE
EVM0019987	LG3	pathogenesis-related protein	not DE	not DE	not DE	not DE
EVM0021709	LG3	pathogenesis-related protein	not DE	not DE	not DE	not DE
EVM0021884	LG3	pectinesterase inhibitor-lik	not DE	not DE	not DE	not DE
EVM0003495	LG3	pectinesterase-like	not DE	not DE	not DE	not DE

EVM0013798	LG3	pectinesterase/pectinesteras	not DE	not DE	not DE	not DE
EVM0002708	LG3	pelargonidin 3-O-(6-caffeoyl	not DE	not DE	not DE	not DE
EVM0009728	LG3	pentatricopeptide repeat-con	1.726842	0.020045	not DE	not DE
EVM0014221	LG3	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0023724	LG3	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0006021	LG3	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0008634	LG3	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0012997	LG3	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0015841	LG3	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0013890	LG3	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0020950	LG3	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0004776	LG3	pentatricopeptide repeat-con	1.516795	9.38E-05	not DE	not DE
EVM0006372	LG3	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0017954	LG3	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0024337	LG3	pentatricopeptide repeat-con	1.743933	0.002608	not DE	not DE
EVM0018197	LG3	pentatricopeptide repeat-con	1.390369	0.035824	not DE	not DE
EVM0022204	LG3	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0011511	LG3	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0020784	LG3	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0002071	LG3	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0019904	LG3	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0015745	LG3	peptidyl-prolyl cis-trans is	not DE	not DE	not DE	not DE
EVM0022144	LG3	peptidyl-tRNA hydrolase 2, m	not DE	not DE	not DE	not DE
EVM0000056	LG3	perakine reductase-like	not DE	not DE	not DE	not DE
EVM0002547	LG3	perakine reductase-like	not DE	not DE	not DE	not DE
EVM0007710	LG3	periaxin	not DE	not DE	not DE	not DE
EVM0001684	LG3	peroxidase 3-like	not DE	not DE	not DE	not DE
EVM0010410	LG3	peroxidase 40	not DE	not DE	not DE	not DE
EVM0006390	LG3	peroxiredoxin Q, chloroplast	not DE	not DE	1.162229	0.0011
EVM0005817	LG3	peroxisomal adenine nucleoti	not DE	not DE	not DE	not DE
EVM0013889	LG3	peroxisomal membrane protein	not DE	not DE	not DE	not DE
EVM0001572	LG3	peroxisome biogenesis factor	not DE	not DE	-2.65456	0.03488
EVM0022573	LG3	peroxisome biogenesis factor	not DE	not DE	not DE	not DE
EVM0009382	LG3	peroxygenase 1-like	not DE	not DE	not DE	not DE
EVM0017216	LG3	phenolic glucoside malonyltr	not DE	not DE	not DE	not DE
EVM0009021	LG3	phosphate transporter PH01-l	not DE	not DE	not DE	not DE
EVM0013965	LG3	phosphoinositide phosphatase	not DE	not DE	not DE	not DE
EVM0005278	LG3	phospholipase D pl-like isof	not DE	not DE	not DE	not DE
EVM0016360	LG3	photosystem II D1 precursor	not DE	not DE	1.297028	0.00012
EVM0020993	LG3	phylloplanin-like	not DE	not DE	not DE	not DE
EVM0023083	LG3	plasma membrane ATPase-like	not DE	not DE	not DE	not DE
EVM0007329	LG3	pleiotropic drug resistance	not DE	not DE	not DE	not DE
EVM0015052	LG3	pleiotropic drug resistance	not DE	not DE	not DE	not DE
EVM0024164	LG3	pleiotropic drug resistance	not DE	not DE	not DE	not DE
EVM0008472	LG3	poly(A) polymerase-like	not DE	not DE	not DE	not DE
EVM0021858	LG3	poly(rC)-binding protein 1-l	not DE	not DE	not DE	not DE
EVM0016987	LG3	polygalacturonase	not DE	not DE	not DE	not DE
EVM0000673	LG3	polygalacturonase-like	not DE	not DE	not DE	not DE
EVM0002045	LG3	polygalacturonase-like	not DE	not DE	not DE	not DE
EVM0003389	LG3	polygalacturonase-like	not DE	not DE	not DE	not DE
EVM0004277	LG3	polygalacturonase-like	not DE	not DE	not DE	not DE
EVM0004641	LG3	polygalacturonase-like	not DE	not DE	not DE	not DE
EVM0005126	LG3	polygalacturonase-like	not DE	not DE	not DE	not DE
EVM0006566	LG3	polygalacturonase-like	not DE	not DE	not DE	not DE

EVM0007769	LG3	polygalacturonase-like	not DE	not DE	not DE	not DE
EVM0009411	LG3	polygalacturonase-like	not DE	not DE	not DE	not DE
EVM0011787	LG3	polygalacturonase-like	not DE	not DE	not DE	not DE
EVM0012885	LG3	polygalacturonase-like	not DE	not DE	not DE	not DE
EVM0014522	LG3	polygalacturonase-like	not DE	not DE	not DE	not DE
EVM0015244	LG3	polygalacturonase-like	not DE	not DE	not DE	not DE
EVM0019082	LG3	polygalacturonase-like	not DE	not DE	not DE	not DE
EVM0019821	LG3	polygalacturonase-like	not DE	not DE	not DE	not DE
EVM0021281	LG3	polygalacturonase-like	not DE	not DE	not DE	not DE
EVM0012235	LG3	polyubiquitin-C-like isoform	not DE	not DE	not DE	not DE
EVM0010617	LG3	polyubiquitin-C-like isoform	not DE	not DE	not DE	not DE
EVM0002155	LG3	polyubiquitin-like	not DE	not DE	not DE	not DE
EVM0002727	LG3	polyubiquitin-like	not DE	not DE	not DE	not DE
EVM0017110	LG3	potassium channel AKT6-like	not DE	not DE	not DE	not DE
EVM0001307	LG3	potassium channel KAT3-like	not DE	not DE	not DE	not DE
EVM0013354	LG3	pre-mRNA-splicing factor SF2	-1.91236	0.003526	-1.84643	#####
EVM0016615	LG3	pre-mRNA-splicing factor SLU	-4.80047	1.23E-22	-2.10995	#####
EVM0010131	LG3	pre-mRNA-splicing factor cwf	not DE	not DE	not DE	not DE
EVM0009865	LG3	preprotein translocase subun	not DE	not DE	1.677893	#####
EVM0013047	LG3	primary amine oxidase-like	not DE	not DE	not DE	not DE
EVM0023749	LG3	probable 2-oxoglutarate-depe	not DE	not DE	not DE	not DE
EVM0005233	LG3	probable ADP-ribosylation fa	not DE	not DE	not DE	not DE
EVM0014459	LG3	probable E3 ubiquitin-protein	not DE	not DE	not DE	not DE
EVM0014860	LG3	probable E3 ubiquitin-protein	not DE	not DE	not DE	not DE
EVM0000802	LG3	probable L-type lectin-domain	not DE	not DE	not DE	not DE
EVM0008122	LG3	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0004966	LG3	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0005018	LG3	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0006622	LG3	probable Xaa-Pro aminopeptid	not DE	not DE	not DE	not DE
EVM0006505	LG3	probable anion transporter 6	not DE	not DE	not DE	not DE
EVM0019362	LG3	probable carboxylesterase 17	not DE	not DE	not DE	not DE
EVM0017807	LG3	probable disease resistance	not DE	not DE	not DE	not DE
EVM0024607	LG3	probable enoyl-CoA hydratase	not DE	not DE	not DE	not DE
EVM0021259	LG3	probable galactinol--sucrose	not DE	not DE	-1.30531	0.00129
EVM0004333	LG3	probable galacturonosyltrans	not DE	not DE	not DE	not DE
EVM0020912	LG3	probable glucan endo-1,3-bet	not DE	not DE	not DE	not DE
EVM0015467	LG3	probable glycosyltransferase	not DE	not DE	not DE	not DE
EVM0007366	LG3	probable glycosyltransferase	not DE	not DE	not DE	not DE
EVM0006127	LG3	probable helicase MAGATAMA 3	not DE	not DE	not DE	not DE
EVM0017957	LG3	probable homogentisate phyty	not DE	not DE	not DE	not DE
EVM0023989	LG3	probable importin-7 homolog	not DE	not DE	not DE	not DE
EVM0010625	LG3	probable inactive leucine-ri	not DE	not DE	not DE	not DE
EVM0016574	LG3	probable inorganic phosphate	not DE	not DE	not DE	not DE
EVM0019664	LG3	probable isoleucine--tRNA li	not DE	not DE	not DE	not DE
EVM0020134	LG3	probable lactoylglutathione	not DE	not DE	not DE	not DE
EVM0001661	LG3	probable leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0020479	LG3	probable magnesium transport	not DE	not DE	not DE	not DE
EVM0011801	LG3	probable methyltransferase P	not DE	not DE	not DE	not DE
EVM0015876	LG3	probable pectinesterase/pect	not DE	not DE	not DE	not DE
EVM0005894	LG3	probable pectinesterase/pect	-3.502	0.010303	not DE	not DE
EVM0001056	LG3	probable plastid-lipid-assoc	not DE	not DE	not DE	not DE
EVM0016250	LG3	probable plastid-lipid-assoc	-2.33742	0.0186	not DE	not DE
EVM0003672	LG3	probable protein phosphatase	not DE	not DE	not DE	not DE
EVM0013325	LG3	probable receptor protein ki	not DE	not DE	not DE	not DE

EVM0017476	LG3	probable receptor protein kinase	not DE	not DE	not DE	not DE
EVM0013775	LG3	probable receptor-like protein	not DE	not DE	not DE	not DE
EVM0016339	LG3	probable receptor-like protein	not DE	not DE	not DE	not DE
EVM0005919	LG3	probable receptor-like protein	not DE	not DE	not DE	not DE
EVM0001591	LG3	probable receptor-like protein	not DE	not DE	not DE	not DE
EVM0017402	LG3	probable sarcosine oxidase-like	not DE	not DE	not DE	not DE
EVM0006708	LG3	probable serine incorporator	not DE	not DE	not DE	not DE
EVM0023201	LG3	probable serine incorporator	not DE	not DE	not DE	not DE
EVM0014115	LG3	probable serine/threonine-protein	not DE	not DE	not DE	not DE
EVM0022180	LG3	probable serine/threonine-protein	not DE	not DE	not DE	not DE
EVM0024042	LG3	probable serine/threonine-protein	not DE	not DE	not DE	not DE
EVM0006529	LG3	probable steroid-binding protein	not DE	not DE	1.270188	#####
EVM0017016	LG3	probable sucrose-phosphate synthase	not DE	not DE	not DE	not DE
EVM0007704	LG3	probable sugar phosphate/phosphatase	not DE	not DE	not DE	not DE
EVM0001944	LG3	probable sugar phosphate/phosphatase	not DE	not DE	not DE	not DE
EVM0009911	LG3	probable sugar phosphate/phosphatase	not DE	not DE	not DE	not DE
EVM0009742	LG3	probable tRNA N6-adenosine thiolase	not DE	not DE	not DE	not DE
EVM0010987	LG3	probable thiol methyltransferase	not DE	not DE	not DE	not DE
EVM0020619	LG3	probable transcriptional regulator	1.525505	0.004427	not DE	not DE
EVM0012754	LG3	probable uridine nucleosidase	not DE	not DE	not DE	not DE
EVM0018599	LG3	probable voltage-gated potassium channel	not DE	not DE	not DE	not DE
EVM0023347	LG3	probably inactive leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0023773	LG3	profilin-like	not DE	not DE	not DE	not DE
EVM0001157	LG3	protein ASPARTIC PROTEASE INHIBITOR	-2.78499	3.70E-08	not DE	not DE
EVM0002025	LG3	protein ASPARTIC PROTEASE INHIBITOR	not DE	not DE	not DE	not DE
EVM0013671	LG3	protein ASPARTIC PROTEASE INHIBITOR	not DE	not DE	not DE	not DE
EVM0015594	LG3	protein ASPARTIC PROTEASE INHIBITOR	not DE	not DE	not DE	not DE
EVM0017693	LG3	protein CHUP1, chloroplastical	not DE	not DE	not DE	not DE
EVM0002942	LG3	protein DEHYDRATION-INDUCED	1.160484	0.047423	not DE	not DE
EVM0008165	LG3	protein DEHYDRATION-INDUCED	not DE	not DE	not DE	not DE
EVM0017955	LG3	protein ECERIFERUM 26-like	not DE	not DE	not DE	not DE
EVM0003206	LG3	protein FAM133-like	not DE	not DE	not DE	not DE
EVM0010218	LG3	protein FAR1-RELATED SEQUENCING	not DE	not DE	not DE	not DE
EVM0015921	LG3	protein FAR1-RELATED SEQUENCING	not DE	not DE	not DE	not DE
EVM0007742	LG3	protein FAR1-RELATED SEQUENCING	not DE	not DE	not DE	not DE
EVM0013070	LG3	protein GAMETE EXPRESSED 2-like	not DE	not DE	not DE	not DE
EVM0002307	LG3	protein GLUTAMINE DUMPER 1-like	not DE	not DE	not DE	not DE
EVM0020918	LG3	protein IQ-DOMAIN 14-like	not DE	not DE	not DE	not DE
EVM0022639	LG3	protein IQ-DOMAIN 14-like	not DE	not DE	not DE	not DE
EVM0014915	LG3	protein LST8 homolog isoform	not DE	not DE	not DE	not DE
EVM0006886	LG3	protein MEMO1-like	not DE	not DE	not DE	not DE
EVM0017002	LG3	protein NRT1/ PTR FAMILY 4.5	not DE	not DE	not DE	not DE
EVM0013423	LG3	protein PEROXIN-4	not DE	not DE	not DE	not DE
EVM0019866	LG3	protein PRD1-like	not DE	not DE	not DE	not DE
EVM0010462	LG3	protein PROTON GRADIENT REGULATORY	not DE	not DE	1.353762	#####
EVM0010019	LG3	protein RALF-like 32-like	not DE	not DE	not DE	not DE
EVM0005768	LG3	protein RDM1	not DE	not DE	not DE	not DE
EVM0004175	LG3	protein ROOT PRIMORDIUM DEFENSE	1.744404	0.009375	not DE	not DE
EVM0010054	LG3	protein SHORT-ROOT-like	not DE	not DE	not DE	not DE
EVM0016832	LG3	protein SRG1-like	4.627656	9.91E-06	not DE	not DE
EVM0018594	LG3	protein SRG1-like	not DE	not DE	not DE	not DE
EVM0015762	LG3	protein TIFY 10A-like	not DE	not DE	not DE	not DE
EVM0002649	LG3	protein TIME FOR COFFEE-like	not DE	not DE	-1.13805	#####
EVM0005975	LG3	protein YIPF1 homolog isoform	not DE	not DE	not DE	not DE

EVM0016121	LG3	protein YIPF1 homolog isoform	not DE	not DE	not DE	not DE
EVM0005020	LG3	protein YLS7-like	not DE	not DE	not DE	not DE
EVM0015238	LG3	protein YLS7-like isoform X1	not DE	not DE	not DE	not DE
EVM0002048	LG3	protein arginine N-methyltransferase	not DE	not DE	not DE	not DE
EVM0022841	LG3	protein argonaute 10-like isoform	not DE	not DE	not DE	not DE
EVM0020010	LG3	protein cereblon-like isoform	not DE	not DE	not DE	not DE
EVM0016498	LG3	protein notum homolog	not DE	not DE	not DE	not DE
EVM0007632	LG3	protein transport protein SERT	not DE	not DE	not DE	not DE
EVM0019886	LG3	protein transport protein serine	not DE	not DE	not DE	not DE
EVM0006389	LG3	psbB mRNA maturation factor	not DE	not DE	not DE	not DE
EVM0005589	LG3	pto-interacting protein 1-like	1.684178	0.003657	not DE	not DE
EVM0002480	LG3	pumilio homolog 12-like	not DE	not DE	not DE	not DE
EVM0002389	LG3	pumilio homolog 24-like	not DE	not DE	not DE	not DE
EVM0014253	LG3	purple acid phosphatase 15-like	not DE	not DE	not DE	not DE
EVM0015651	LG3	putative L-ascorbate peroxidase	not DE	not DE	not DE	not DE
EVM0001077	LG3	putative RNA methyltransferase	not DE	not DE	not DE	not DE
EVM0000138	LG3	putative calcium-transporting	not DE	not DE	not DE	not DE
EVM0017003	LG3	putative calcium-transporting	not DE	not DE	not DE	not DE
EVM0019921	LG3	putative calcium-transporting	not DE	not DE	not DE	not DE
EVM0022800	LG3	putative ion channel POLLUX-like	not DE	not DE	not DE	not DE
EVM0019264	LG3	putative lipid-transfer protein	not DE	not DE	not DE	not DE
EVM0021586	LG3	putative nuclease HARBI1-like	not DE	not DE	not DE	not DE
EVM0005442	LG3	putative pectinesterase 63-like	not DE	not DE	not DE	not DE
EVM0010304	LG3	putative pectinesterase/pectin	not DE	not DE	not DE	not DE
EVM0015346	LG3	putative pectinesterase/pectin	not DE	not DE	not DE	not DE
EVM0013305	LG3	putative pentatricopeptide repeat	2.496784	0.036241	not DE	not DE
EVM0011545	LG3	putative pentatricopeptide repeat	2.573847	0.005622	not DE	not DE
EVM0010775	LG3	putative pentatricopeptide repeat	not DE	not DE	not DE	not DE
EVM0009165	LG3	putative pentatricopeptide repeat	not DE	not DE	not DE	not DE
EVM0010641	LG3	putative pentatricopeptide repeat	not DE	not DE	not DE	not DE
EVM0010882	LG3	putative peptide/nitrate transporter	not DE	not DE	not DE	not DE
EVM0001210	LG3	putative protein phosphatase	not DE	not DE	not DE	not DE
EVM0020215	LG3	putative receptor-like protein	not DE	not DE	not DE	not DE
EVM0024657	LG3	putative ubiquitin-conjugating	not DE	not DE	not DE	not DE
EVM0019158	LG3	putative uncharacterized protein	not DE	not DE	not DE	not DE
EVM0003957	LG3	rRNA-processing protein fcf2	not DE	not DE	not DE	not DE
EVM0013257	LG3	rab GDP dissociation inhibitor	not DE	not DE	not DE	not DE
EVM0023275	LG3	receptor-like cytosolic serine	not DE	not DE	not DE	not DE
EVM0007097	LG3	receptor-like protein kinase	not DE	not DE	not DE	not DE
EVM0019396	LG3	retrotransposon-like protein	not DE	not DE	not DE	not DE
EVM0022962	LG3	ribonucleoside-diphosphate reductase	1.311782	0.037706	not DE	not DE
EVM0007007	LG3	ribosomal RNA-processing protein	not DE	not DE	not DE	not DE
EVM0001285	LG3	selenium-binding protein 2-like	not DE	not DE	not DE	not DE
EVM0021949	LG3	selenoprotein H-like	not DE	not DE	not DE	not DE
EVM0023454	LG3	selenoprotein H-like	not DE	not DE	not DE	not DE
EVM0005959	LG3	serine/arginine repetitive motif	not DE	not DE	not DE	not DE
EVM0001649	LG3	serine/threonine protein phosphatase	not DE	not DE	not DE	not DE
EVM0019223	LG3	serine/threonine protein phosphatase	not DE	not DE	not DE	not DE
EVM0023839	LG3	serine/threonine-protein kinase	not DE	not DE	not DE	not DE
EVM0022370	LG3	serine/threonine-protein kinase	not DE	not DE	not DE	not DE
EVM0006190	LG3	serine/threonine-protein kinase	not DE	not DE	not DE	not DE
EVM0001511	LG3	serine/threonine-protein kinase	not DE	not DE	not DE	not DE
EVM0022803	LG3	serine/threonine-protein kinase	not DE	not DE	not DE	not DE
EVM0011096	LG3	serine/threonine-protein phosphatase	not DE	not DE	not DE	not DE

EVM0019703	LG3	serine/threonine-protein phosphatase 1B	not DE	not DE	not DE	not DE
EVM0020713	LG3	serine/threonine-protein phosphatase 1B	not DE	not DE	not DE	not DE
EVM0002846	LG3	small G protein signaling molecule 1	not DE	not DE	not DE	not DE
EVM0005118	LG3	small acidic protein 1-like	not DE	not DE	1.649688	#####
EVM0021063	LG3	small subunit processome component 1	1.201306	0.010119	not DE	not DE
EVM0002189	LG3	small ubiquitin-related modifier 1	not DE	not DE	not DE	not DE
EVM0010665	LG3	solute carrier family 25 member 1	not DE	not DE	not DE	not DE
EVM0014129	LG3	solute carrier family 40 member 1	not DE	not DE	not DE	not DE
EVM0019764	LG3	splicing factor 3B subunit 1	not DE	not DE	not DE	not DE
EVM0003319	LG3	squamosa promoter-binding-like protein 1	not DE	not DE	not DE	not DE
EVM0014650	LG3	stachyose synthase-like	not DE	not DE	not DE	not DE
EVM0002560	LG3	strictosidine synthase-like	not DE	not DE	not DE	not DE
EVM0010346	LG3	stromal cell-derived factor 1	-2.01719	3.42E-07	not DE	not DE
EVM0008669	LG3	sucrose nonfermenting 4-like protein 1	not DE	not DE	-5.76588	#####
EVM0017451	LG3	sucrose nonfermenting 4-like protein 1	not DE	not DE	not DE	not DE
EVM0023372	LG3	sulfate transporter 3.1-like	not DE	not DE	not DE	not DE
EVM0017631	LG3	syntaxin-43-like isoform X1	not DE	not DE	not DE	not DE
EVM0024592	LG3	tRNA (guanine-N(7)-)-methyltransferase	not DE	not DE	not DE	not DE
EVM0014541	LG3	tRNA(adenine(34)) deaminase, cytosolic	not DE	not DE	not DE	not DE
EVM0006747	LG3	tetratricopeptide repeat protein 1	not DE	not DE	not DE	not DE
EVM0019964	LG3	tetratricopeptide repeat protein 1	not DE	not DE	not DE	not DE
EVM0022316	LG3	tetratricopeptide repeat protein 1	not DE	not DE	not DE	not DE
EVM0021665	LG3	thioredoxin reductase 1-like	not DE	not DE	not DE	not DE
EVM0022987	LG3	thioredoxin reductase 1-like	not DE	not DE	not DE	not DE
EVM0010752	LG3	topless-related protein 1-like	not DE	not DE	not DE	not DE
EVM0009115	LG3	topless-related protein 3-like	not DE	not DE	-1.54061	0.00106
EVM0017362	LG3	transcription factor HY5-like	not DE	not DE	1.281346	#####
EVM0007740	LG3	transcription factor MUTE-like	not DE	not DE	not DE	not DE
EVM0019497	LG3	transcription factor MYB108-like	not DE	not DE	not DE	not DE
EVM0001665	LG3	transcription factor MYB24-like	not DE	not DE	not DE	not DE
EVM0002142	LG3	transcription factor TT2-like	not DE	not DE	not DE	not DE
EVM0023961	LG3	transcription factor TT2-like	not DE	not DE	not DE	not DE
EVM0019417	LG3	transcription factor bHLH104-like	not DE	not DE	not DE	not DE
EVM0022909	LG3	transcription factor bHLH62-like	not DE	not DE	not DE	not DE
EVM0010319	LG3	transcription factor bHLH92-like	not DE	not DE	not DE	not DE
EVM0015369	LG3	transcription initiation factor 1	1.016273	0.000257	not DE	not DE
EVM0003554	LG3	transcription regulatory protein 1	not DE	not DE	not DE	not DE
EVM0003313	LG3	transcription repressor MYB5-like	not DE	not DE	not DE	not DE
EVM0017702	LG3	transcription repressor MYB5-like	not DE	not DE	not DE	not DE
EVM0015536	LG3	transmembrane 9 superfamily member 1	not DE	not DE	not DE	not DE
EVM0024548	LG3	transposon Ty3-G Gag-Pol polymerase	not DE	not DE	not DE	not DE
EVM0021860	LG3	type I inositol 1,4,5-trisphosphate 3-kinase	2.222964	0.000743	not DE	not DE
EVM0011785	LG3	type I inositol 1,4,5-trisphosphate 3-kinase	not DE	not DE	not DE	not DE
EVM0009823	LG3	ubiquinone biosynthesis monooxygenase	not DE	not DE	not DE	not DE
EVM0005837	LG3	ubiquitin carboxyl-terminal hydrolase 1	not DE	not DE	not DE	not DE
EVM0015850	LG3	ubiquitin carboxyl-terminal hydrolase 1	not DE	not DE	not DE	not DE
EVM0011284	LG3	ubiquitin carboxyl-terminal hydrolase 1	not DE	not DE	not DE	not DE
EVM0016775	LG3	uncharacterized GPI-anchored protein	not DE	not DE	not DE	not DE
EVM0003029	LG3	uncharacterized protein At1g10330	not DE	not DE	not DE	not DE
EVM0020159	LG3	uncharacterized protein At2g10330	not DE	not DE	not DE	not DE
EVM0009067	LG3	uncharacterized protein At3g10330	not DE	not DE	not DE	not DE
EVM0012741	LG3	uncharacterized protein At3g10330	not DE	not DE	not DE	not DE
EVM0021305	LG3	uncharacterized protein C9orf10	not DE	not DE	not DE	not DE
EVM0017609	LG3	uncharacterized protein DDB1	not DE	not DE	not DE	not DE

EVM0005115	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003346	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013924	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020883	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009319	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017107	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019133	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007282	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009508	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006609	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013226	LG3	uncharacterized protein LOC1	not DE	not DE	2.552042	0.04691
EVM0015845	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014962	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018916	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017223	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018112	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021545	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002839	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016570	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022807	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012621	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020186	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018015	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022755	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009346	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007197	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012654	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014645	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007933	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014698	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017197	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007848	LG3	uncharacterized protein LOC1	2.829165	0.006023	not DE	not DE
EVM0014137	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000375	LG3	uncharacterized protein LOC1	-1.79881	0.000308	not DE	not DE
EVM0004119	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003207	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008059	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022183	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020234	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020679	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004757	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019399	LG3	uncharacterized protein LOC1	1.424771	0.011509	not DE	not DE
EVM0000698	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004390	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009732	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014870	LG3	uncharacterized protein LOC1	4.71505	0.04754	not DE	not DE
EVM0006700	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007596	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011699	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014529	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002096	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002662	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008856	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009604	LG3	uncharacterized protein LOC1	1.229761	0.038295	not DE	not DE

EVM0018097	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007921	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004109	LG3	uncharacterized protein LOC1	not DE	not DE	-1.31405	#####
EVM0013750	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011339	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018066	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013539	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021714	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008740	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014429	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020302	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003339	LG3	uncharacterized protein LOC1	1.285956	0.00537	not DE	not DE
EVM0005276	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009735	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010022	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000177	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006140	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020622	LG3	uncharacterized protein LOC1	-1.11504	0.047547	not DE	not DE
EVM0002399	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003593	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010546	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006050	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015130	LG3	uncharacterized protein LOC1	1.614674	0.000457	not DE	not DE
EVM0018710	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006386	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013180	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004530	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004374	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021274	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018115	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003802	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023860	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006162	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022360	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012917	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022583	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013096	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011603	LG3	uncharacterized protein LOC1	-1.75296	0.02412	not DE	not DE
EVM0007079	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010896	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009925	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011444	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005976	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010620	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003309	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006772	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016245	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015194	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024271	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021355	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004078	LG3	uncharacterized protein LOC1	not DE	not DE	2.202745	0.01624
EVM0013331	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010566	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006030	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE



EVM0020227	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018032	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024194	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014693	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015534	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023364	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014935	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003992	LG3	uncharacterized protein LOC1	not DE	not DE	1.412175	#####
EVM0022362	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011751	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006288	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014865	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000175	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005585	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020109	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021348	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004623	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006766	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006646	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017177	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001680	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017588	LG3	uncharacterized protein LOC1	not DE	not DE	1.328976	0.00959
EVM0000917	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022407	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016405	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004819	LG3	uncharacterized protein LOC1	1.00132	0.019127	1.421942	0.00032
EVM0013480	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002191	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010956	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022161	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001804	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002358	LG3	uncharacterized protein LOC1	4.262835	0.002797	not DE	not DE
EVM0012374	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023808	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003375	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024475	LG3	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017630	LG3	uncharacterized transmembran	not DE	not DE	not DE	not DE
EVM0008562	LG3	uncharacterized vacuolar mem	not DE	not DE	not DE	not DE
EVM0018433	LG3	uncharacterized vacuolar mem	not DE	not DE	not DE	not DE
EVM0014668	LG3	vacuolar amino acid transpor	not DE	not DE	not DE	not DE
EVM0004402	LG3	vesicle-associated membrane	not DE	not DE	not DE	not DE
EVM0021021	LG3	vesicle-associated membrane	not DE	not DE	not DE	not DE
EVM0019533	LG3	vesicle-associated membrane	not DE	not DE	not DE	not DE
EVM0017632	LG3	vesicle-associated protein 2	not DE	not DE	not DE	not DE
EVM0021610	LG3	vicianin hydrolase-like	not DE	not DE	not DE	not DE
EVM0022107	LG3	vicianin hydrolase-like	not DE	not DE	not DE	not DE
EVM0012577	LG3	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0004911	LG3	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0011862	LG3	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0017835	LG3	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0005429	LG3	zeaxanthin epoxidase, chloro	not DE	not DE	not DE	not DE
EVM0009783	LG3	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0017363	LG3	zinc finger MYM-type protein	not DE	not DE	not DE	not DE
EVM0018569	LG3	zinc finger matrin-type prot	not DE	not DE	not DE	not DE

EVM0001062	LG3	1,2-dihydroxy-3-keto-5-methyl	not DE	not DE	not DE	not DE
EVM0006875	LG3	1-deoxyxylulose-5-phosphate s	not DE	not DE	not DE	not DE
EVM0000117	LG3	11S globulin	not DE	not DE	not DE	not DE
EVM0002987	LG3	15-cis-zeta-carotene isomeras	not DE	not DE	not DE	not DE
EVM0015183	LG3	2Fe-2S ferredoxin-like superf	-1.18484	0.020406	not DE	not DE
EVM0000575	LG3	3-ketoacyl-CoA synthase	not DE	not DE	not DE	not DE
EVM0001427	LG3	3-ketoacyl-CoA synthase	not DE	not DE	not DE	not DE
EVM0016990	LG3	3-ketoacyl-CoA synthase	not DE	not DE	not DE	not DE
EVM0020590	LG3	3-ketoacyl-CoA synthase	not DE	not DE	not DE	not DE
EVM0002301	LG3	3-ketoacyl-CoA synthase 10 -1	not DE	not DE	not DE	not DE
EVM0008132	LG3	40S ribosomal S3a	not DE	not DE	not DE	not DE
EVM0018246	LG3	ACT domain-containing small s	not DE	not DE	not DE	not DE
EVM0019887	LG3	ACT domain-containing small s	not DE	not DE	not DE	not DE
EVM0011635	LG3	ADP-ribosylation factor	not DE	not DE	not DE	not DE
EVM0012393	LG3	AMP-dependent synthetase and	not DE	not DE	not DE	not DE
EVM0012792	LG3	AP2/EREBP transcription facto	not DE	not DE	not DE	not DE
EVM0000749	LG3	AP2/ERF domain-containing tran	not DE	not DE	not DE	not DE
EVM0017351	LG3	AP2/ERF domain-containing tran	not DE	not DE	not DE	not DE
EVM0002931	LG3	AT-hook motif nuclear localiz	not DE	not DE	not DE	not DE
EVM0009269	LG3	ATDI21	1.260457	0.044551	not DE	not DE
EVM0022726	LG3	ATP binding cassette subfamil	not DE	not DE	not DE	not DE
EVM0015581	LG3	ATP citrate lyase subunit B 2	not DE	not DE	not DE	not DE
EVM0007542	LG3	ATP synthase subunit b&apos;	-1.14604	0.011163	not DE	not DE
EVM0008643	LG3	ATP-dependent RNA and DNA hel	not DE	not DE	not DE	not DE
EVM0012874	LG3	Acetyltransferase, putative i	not DE	not DE	not DE	not DE
EVM0007544	LG3	Acidic leucine-rich nuclear p	not DE	not DE	not DE	not DE
EVM0015283	LG3	Adenine nucleotide alpha hydr	not DE	not DE	not DE	not DE
EVM0023650	LG3	Alba DNA/RNA-binding protein	not DE	not DE	not DE	not DE
EVM0003479	LG3	Aldose 1-epimerase	not DE	not DE	not DE	not DE
EVM0022996	LG3	Alpha/beta-Hydrolases superfa	not DE	not DE	not DE	not DE
EVM0003052	LG3	Arginine methyltransferase 4A	not DE	not DE	not DE	not DE
EVM0022389	LG3	Autoinhibited calcium ATPase	not DE	not DE	not DE	not DE
EVM0006368	LG3	Auxin-responsive protein IAA1	not DE	not DE	not DE	not DE
EVM0013838	LG3	BAHD family acyltransferase,	not DE	not DE	not DE	not DE
EVM0002872	LG3	Bet1-like protein	not DE	not DE	not DE	not DE
EVM0012028	LG3	Binding protein, putative	not DE	not DE	not DE	not DE
EVM0001973	LG3	BnaC08g33790D	-1.35773	0.01503	not DE	not DE
EVM0013992	LG3	C2H2 and C2HC zinc fingers su	not DE	not DE	not DE	not DE
EVM0004807	LG3	C2H2 and C2HC zinc fingers su	not DE	not DE	not DE	not DE
EVM0018830	LG3	CAMP-regulated phosphoprotein	not DE	not DE	not DE	not DE
EVM0019564	LG3	CASP-like protein RCOM_067987	3.413366	0.005151	not DE	not DE
EVM0002580	LG3	CBL-interacting protein kinas	2.087879	0.000385	not DE	not DE
EVM0008491	LG3	CCT motif family protein isof	not DE	not DE	not DE	not DE
EVM0015329	LG3	CONSTANS-like 4	not DE	not DE	not DE	not DE
EVM0008548	LG3	Calcium-binding EF-hand famil	1.616855	4.28E-05	1.704024	#####
EVM0006279	LG3	Calcium-dependent lipid-bindi	not DE	not DE	-1.08417	#####
EVM0005406	LG3	Carbohydrate-binding X8 domai	not DE	not DE	not DE	not DE
EVM0012423	LG3	Casein kinase I protein	not DE	not DE	not DE	not DE
EVM0012671	LG3	Catalytic, putative	not DE	not DE	not DE	not DE
EVM0006701	LG3	Cell wall / vacuolar inhibito	not DE	not DE	not DE	not DE
EVM0003352	LG3	Cellulose synthase like G2, p	not DE	not DE	not DE	not DE
EVM0003010	LG3	Chaperone protein dnaJ 20	-1.23122	0.001409	not DE	not DE
EVM0003936	LG3	Chitinase family protein	not DE	not DE	not DE	not DE
EVM0009379	LG3	Chlorophyllase 1 family prote	1.209893	0.000601	not DE	not DE

EVM0022579	LG3	Clathrin adaptor complexes me	not DE	not DE	not DE	not DE
EVM0003198	LG3	Cullin 1, putative isoform 1	not DE	not DE	not DE	not DE
EVM0018607	LG3	Cullin 1, putative isoform 1	not DE	not DE	not DE	not DE
EVM0004441	LG3	Cyclic nucleotide-gated chann	not DE	not DE	not DE	not DE
EVM0011667	LG3	Cysteine proteinase inhibitor	not DE	not DE	not DE	not DE
EVM0008904	LG3	Cysteine/Histidine-rich Cl do	not DE	not DE	not DE	not DE
EVM0013057	LG3	Cysteine/Histidine-rich Cl do	not DE	not DE	not DE	not DE
EVM0019935	LG3	Cysteine/Histidine-rich Cl do	not DE	not DE	not DE	not DE
EVM0023082	LG3	Cysteine/Histidine-rich Cl do	not DE	not DE	not DE	not DE
EVM0014034	LG3	Cytochrome P450, putative	not DE	not DE	not DE	not DE
EVM0020887	LG3	Cytochrome P450, putative	not DE	not DE	not DE	not DE
EVM0008940	LG3	Cytokinin oxidase	not DE	not DE	not DE	not DE
EVM0021621	LG3	Cytokinin oxidase	not DE	not DE	not DE	not DE
EVM0014374	LG3	DAG protein, chloroplast prec	not DE	not DE	not DE	not DE
EVM0001752	LG3	DNA polymerase III polC-type,	not DE	not DE	not DE	not DE
EVM0005891	LG3	DNA-directed RNA polymerase I	not DE	not DE	not DE	not DE
EVM0005506	LG3	DNA/RNA polymerases superfam	not DE	not DE	not DE	not DE
EVM0018214	LG3	DNA/RNA polymerases superfam	not DE	not DE	not DE	not DE
EVM0018550	LG3	DNA/RNA polymerases superfam	not DE	not DE	not DE	not DE
EVM0023687	LG3	DNA/RNA polymerases superfam	not DE	not DE	not DE	not DE
EVM0005469	LG3	DNAJ heat shock family protei	not DE	not DE	not DE	not DE
EVM0016084	LG3	Drm3-like protein isoform 1	not DE	not DE	not DE	not DE
EVM0006853	LG3	EARLY FLOWERING 3	1.048486	0.000271	not DE	not DE
EVM0022731	LG3	Electron transport complex pr	not DE	not DE	not DE	not DE
EVM0004970	LG3	Embryo sac development arrest	not DE	not DE	not DE	not DE
EVM0022520	LG3	Endochitinase PR4	not DE	not DE	not DE	not DE
EVM0002171	LG3	Ethylene-responsive transcrip	not DE	not DE	not DE	not DE
EVM0000074	LG3	Eukaryotic aspartyl protease	not DE	not DE	not DE	not DE
EVM0010682	LG3	Eukaryotic aspartyl protease	not DE	not DE	-1.78272	0.00077
EVM0003015	LG3	Eukaryotic translation initia	not DE	not DE	not DE	not DE
EVM0021526	LG3	Eukaryotic translation initia	not DE	not DE	not DE	not DE
EVM0002864	LG3	Exostosin family protein	not DE	not DE	not DE	not DE
EVM0016290	LG3	Exostosin family protein, put	not DE	not DE	not DE	not DE
EVM0017862	LG3	F-box family protein	not DE	not DE	not DE	not DE
EVM0023730	LG3	F-box family protein isoform	not DE	not DE	not DE	not DE
EVM0010226	LG3	F1504.13	not DE	not DE	not DE	not DE
EVM0007140	LG3	Fatty acid biosynthesis 1 isc	not DE	not DE	not DE	not DE
EVM0007333	LG3	Flavin monooxygenase-like pro	not DE	not DE	not DE	not DE
EVM0021241	LG3	Flavin-binding monooxygenase	not DE	not DE	not DE	not DE
EVM0024014	LG3	Flavin-dependent monooxygenas	not DE	not DE	not DE	not DE
EVM0022154	LG3	Formin-like protein 18	not DE	not DE	not DE	not DE
EVM0012141	LG3	G-protein gamma subunit 2	not DE	not DE	not DE	not DE
EVM0008784	LG3	GATA transcription factor 15	not DE	not DE	not DE	not DE
EVM0000565	LG3	GDP-mannose 3,5-epimerase 1	not DE	not DE	not DE	not DE
EVM0022243	LG3	GHMYB10	not DE	not DE	not DE	not DE
EVM0022537	LG3	GHMYB10	not DE	not DE	not DE	not DE
EVM0015617	LG3	GTP-binding SAR1A -like prote	not DE	not DE	not DE	not DE
EVM0001179	LG3	GTP-binding nuclear protein R	not DE	not DE	not DE	not DE
EVM0020443	LG3	Glucose and ribitol dehydroge	not DE	not DE	not DE	not DE
EVM0024392	LG3	Glycine-rich RNA-binding 2, m	not DE	not DE	not DE	not DE
EVM0001654	LG3	Glyoxalase 2-4	-1.53498	1.61E-05	not DE	not DE
EVM0022515	LG3	Golgin subfamily A member 4	not DE	not DE	not DE	not DE
EVM0015445	LG3	H+-pyrophosphatase	not DE	not DE	not DE	not DE
EVM0013690	LG3	Heme oxygenase-like, multi-he	not DE	not DE	not DE	not DE

EVM0008698	LG3	Hydroxymethylglutaryl-CoA lyase	not DE	not DE	not DE	not DE
EVM0001923	LG3	Indole-3-acetic acid 7 isoform	not DE	not DE	not DE	not DE
EVM0015724	LG3	Inorganic H pyrophosphatase f	not DE	not DE	not DE	not DE
EVM0024530	LG3	Inorganic H pyrophosphatase f	not DE	not DE	not DE	not DE
EVM0002907	LG3	Integrase-type DNA-binding su	not DE	not DE	not DE	not DE
EVM0005327	LG3	Integrase-type DNA-binding su	not DE	not DE	not DE	not DE
EVM0000657	LG3	Integrin-linked protein kinase	not DE	not DE	not DE	not DE
EVM0003126	LG3	Integrin-linked protein kinase	not DE	not DE	not DE	not DE
EVM0006761	LG3	JHL23J11.6	not DE	not DE	not DE	not DE
EVM0010779	LG3	JHL23J11.6	not DE	not DE	not DE	not DE
EVM0001723	LG3	Kinase superfamily protein	not DE	not DE	not DE	not DE
EVM0006070	LG3	LEC14B family protein	not DE	not DE	not DE	not DE
EVM0018568	LG3	LETM1 and EF-hand domain-cont	not DE	not DE	not DE	not DE
EVM0019909	LG3	LETM1 and EF-hand domain-cont	not DE	not DE	not DE	not DE
EVM0006538	LG3	Leucine-rich receptor-like pr	not DE	not DE	not DE	not DE
EVM0011995	LG3	Leucine-rich repeat family pr	not DE	not DE	not DE	not DE
EVM0020271	LG3	Major pollen allergen Car b 1	not DE	not DE	not DE	not DE
EVM0019326	LG3	Mitochondrial ribosomal prote	not DE	not DE	not DE	not DE
EVM0023918	LG3	Monogalactosyldiacylglycerol	not DE	not DE	not DE	not DE
EVM0022873	LG3	MuDR family transposase isof	not DE	not DE	not DE	not DE
EVM0021993	LG3	Multifunctional protein 2	not DE	not DE	not DE	not DE
EVM0012697	LG3	Myb domain protein 13, putati	not DE	not DE	not DE	not DE
EVM0006354	LG3	Myb domain protein 4, putativ	not DE	not DE	not DE	not DE
EVM0013115	LG3	Myb domain protein 4, putativ	-3.88326	0.001628	not DE	not DE
EVM0004110	LG3	Myb domain protein 84, putati	not DE	not DE	not DE	not DE
EVM0017271	LG3	NAD(P)H dehydrogenase 18	-1.01115	0.002836	1.127643	0.00485
EVM0019057	LG3	NADP-dependent glyceraldehyde	-1.08151	0.042984	not DE	not DE
EVM0002930	LG3	Nicotianamine synthase, putat	not DE	not DE	not DE	not DE
EVM0001299	LG3	Nodulin MtN21 /EamA-like tran	not DE	not DE	not DE	not DE
EVM0012898	LG3	Nodulin MtN3 family protein i	not DE	not DE	not DE	not DE
EVM0015857	LG3	Nuclear transport factor 2 fa	not DE	not DE	not DE	not DE
EVM0021899	LG3	Nucleotide-sugar transporter	not DE	not DE	not DE	not DE
EVM0022295	LG3	Nucleotidyl transferase sup	not DE	not DE	not DE	not DE
EVM0012199	LG3	O-acetylserine lyase B isof	-1.0795	5.04E-07	not DE	not DE
EVM0010043	LG3	Oligouridylate binding protei	not DE	not DE	not DE	not DE
EVM0009237	LG3	P-loop containing nucleoside	not DE	not DE	not DE	not DE
EVM0004081	LG3	Pathogenesis-related PR-1 typ	not DE	not DE	not DE	not DE
EVM0014990	LG3	Pathogenesis-related PR-1 typ	not DE	not DE	not DE	not DE
EVM0003106	LG3	Pathogenesis-related protein	not DE	not DE	not DE	not DE
EVM0008726	LG3	Pectin lyase-like superfamily	not DE	not DE	not DE	not DE
EVM0022151	LG3	Pectin lyase-like superfamily	not DE	not DE	not DE	not DE
EVM0009962	LG3	Pectin lyase-like superfamily	not DE	not DE	not DE	not DE
EVM0006458	LG3	Pectin methylesterase 3	not DE	not DE	not DE	not DE
EVM0013945	LG3	Pectinesterase-2, putative	not DE	not DE	not DE	not DE
EVM0013198	LG3	Pentatricopeptide (PPR) repea	not DE	not DE	not DE	not DE
EVM0018465	LG3	Pentatricopeptide repeat (PPR	not DE	not DE	not DE	not DE
EVM0020669	LG3	Pentatricopeptide repeat supe	2.715206	3.43E-07	not DE	not DE
EVM0022238	LG3	Pentatricopeptide repeat supe	not DE	not DE	not DE	not DE
EVM0010208	LG3	Peptide chain release factor	not DE	not DE	not DE	not DE
EVM0017423	LG3	Peptide methionine sulfoxide	not DE	not DE	not DE	not DE
EVM0008086	LG3	Peptide transporter PTR3-A -1	not DE	not DE	not DE	not DE
EVM0009037	LG3	Peroxidase 27 precursor, puta	not DE	not DE	not DE	not DE
EVM0021716	LG3	Peroxidase 27 precursor, puta	not DE	not DE	not DE	not DE
EVM0007864	LG3	Peroxidase superfamily protei	not DE	not DE	not DE	not DE

EVM0022089	LG3	Peroxisomal membrane 22 kDa	not DE	not DE	not DE	not DE
EVM0009997	LG3	Phi class glutathione transferase	not DE	not DE	not DE	not DE
EVM0019984	LG3	Phosphoenolpyruvate carboxylase	not DE	not DE	not DE	not DE
EVM0014871	LG3	Phototropic-responsive NPH3 family	not DE	not DE	not DE	not DE
EVM0018957	LG3	Phragmoplast orienting kinesin	not DE	not DE	not DE	not DE
EVM0003382	LG3	Plant invertase/pectin methyltransferase	not DE	not DE	not DE	not DE
EVM0007034	LG3	Plant invertase/pectin methyltransferase	not DE	not DE	not DE	not DE
EVM0022685	LG3	Plant invertase/pectin methyltransferase	not DE	not DE	not DE	not DE
EVM0020027	LG3	Plant invertase/pectin methyltransferase	not DE	not DE	not DE	not DE
EVM0001731	LG3	Plant natriuretic peptide A	not DE	not DE	not DE	not DE
EVM0003122	LG3	Polyketide cyclase/dehydrase	not DE	not DE	not DE	not DE
EVM0010315	LG3	Prefoldin 3	not DE	not DE	not DE	not DE
EVM0008835	LG3	Protease Do-like 14, putative	not DE	not DE	not DE	not DE
EVM0001567	LG3	Putative pectinesterase/pectinesterase	not DE	not DE	not DE	not DE
EVM0004171	LG3	Putative pectinesterase/pectinesterase	not DE	not DE	not DE	not DE
EVM0008673	LG3	Putative pectinesterase/pectinesterase	not DE	not DE	not DE	not DE
EVM0024227	LG3	Putative pectinesterase/pectinesterase	not DE	not DE	not DE	not DE
EVM0008492	LG3	Pyridoxal phosphate-dependent	not DE	not DE	not DE	not DE
EVM0024628	LG3	RAD51 homolog	not DE	not DE	not DE	not DE
EVM0013339	LG3	RALFL33, putative	not DE	not DE	1.355471	0.01926
EVM0014254	LG3	RAN GTPase activating protein	not DE	not DE	not DE	not DE
EVM0003611	LG3	RING/U-box superfamily protein	not DE	not DE	not DE	not DE
EVM0007965	LG3	RING/U-box superfamily protein	not DE	not DE	not DE	not DE
EVM0022495	LG3	RING/U-box superfamily protein	not DE	not DE	not DE	not DE
EVM0016655	LG3	Radical SAM superfamily protein	not DE	not DE	not DE	not DE
EVM0000689	LG3	Ras-related protein Rab-18-B	not DE	not DE	not DE	not DE
EVM0005740	LG3	RecName: Full=S-adenosylmethionine	not DE	not DE	not DE	not DE
EVM0015083	LG3	RecName: Full=S-adenosylmethionine	not DE	not DE	-1.46278	0.0427
EVM0012647	LG3	Receptor-like protein kinase	not DE	not DE	not DE	not DE
EVM0009633	LG3	Regulator of chromosome condensation	not DE	not DE	not DE	not DE
EVM0019675	LG3	Retrovirus-related Pol polyprotein	not DE	not DE	not DE	not DE
EVM0009452	LG3	S-adenosyl-L-homocysteine hydrolase	not DE	not DE	not DE	not DE
EVM0006578	LG3	S-adenosyl-L-methionine-dependent	not DE	not DE	not DE	not DE
EVM0016370	LG3	S-adenosyl-L-methionine-dependent	not DE	not DE	not DE	not DE
EVM0002621	LG3	SILENCING DEFECTIVE 1 family	not DE	not DE	not DE	not DE
EVM0009856	LG3	SUP1	not DE	not DE	not DE	not DE
EVM0005479	LG3	SWAP/surp domain-containing protein	not DE	not DE	-1.09596	#####
EVM0022640	LG3	Serine hydroxymethyltransferase	not DE	not DE	not DE	not DE
EVM0002638	LG3	Splicing factor 3B subunit, protein	not DE	not DE	not DE	not DE
EVM0004545	LG3	Syntaxin-32-like protein	not DE	not DE	not DE	not DE
EVM0002229	LG3	Telomere-associated protein R	not DE	not DE	not DE	not DE
EVM0001302	LG3	Tetrapyrrole-binding family protein	not DE	not DE	not DE	not DE
EVM0003398	LG3	Tetratricopeptide repeat-like	not DE	not DE	not DE	not DE
EVM0008983	LG3	Tetratricopeptide repeat-like	1.631263	0.038621	not DE	not DE
EVM0001782	LG3	Transcriptional factor B3 family	not DE	not DE	not DE	not DE
EVM0011347	LG3	Transducin/WD40 repeat-like	not DE	not DE	not DE	not DE
EVM0020907	LG3	Transducin/WD40 repeat-like	not DE	not DE	not DE	not DE
EVM0012272	LG3	Translation elongation factor	not DE	not DE	not DE	not DE
EVM0001879	LG3	Translation initiation factor	not DE	not DE	not DE	not DE
EVM0000371	LG3	Transmembrane proteins 14C	-1.15037	6.14E-05	not DE	not DE
EVM0020591	LG3	UDP-glucosyltransferase, putative	not DE	not DE	not DE	not DE
EVM0001565	LG3	UDP-glycosyltransferase 89C1, protein	not DE	not DE	not DE	not DE
EVM0011434	LG3	UDP-glycosyltransferase 89C1, protein	not DE	not DE	not DE	not DE
EVM0013075	LG3	UDP-glycosyltransferase 89C1, protein	not DE	not DE	not DE	not DE

EVM0015464	LG3	UDP-glycosyltransferase 89C1,	not DE	not DE	not DE	not DE
EVM0010281	LG3	UDP-glycosyltransferase 90A1	not DE	not DE	not DE	not DE
EVM0010568	LG3	UDP-sugar transporter, putative	not DE	not DE	not DE	not DE
EVM0017158	LG3	UDP-sugar transporter, putative	not DE	not DE	not DE	not DE
EVM0011233	LG3	Uncharacterized RNA-binding p	1.112307	1.88E-12	not DE	not DE
EVM0005851	LG3	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0002499	LG3	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0006224	LG3	Uncharacterized protein TCM_C	-6.35798	0.006048	not DE	not DE
EVM0008120	LG3	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0018124	LG3	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0000039	LG3	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0018563	LG3	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0001914	LG3	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0015564	LG3	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0015245	LG3	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0021954	LG3	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0010743	LG3	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0003531	LG3	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0007199	LG3	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0021551	LG3	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0013453	LG3	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0017088	LG3	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0015434	LG3	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0003444	LG3	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0001998	LG3	Uncharacterized protein isoform	not DE	not DE	not DE	not DE
EVM0006261	LG3	Uncharacterized protein isoform	not DE	not DE	not DE	not DE
EVM0010639	LG3	Uncharacterized protein isoform	not DE	not DE	not DE	not DE
EVM0014112	LG3	Uncharacterized protein isoform	not DE	not DE	not DE	not DE
EVM0015171	LG3	Uncharacterized protein isoform	not DE	not DE	not DE	not DE
EVM0019215	LG3	Uncharacterized protein isoform	not DE	not DE	not DE	not DE
EVM0019440	LG3	Uncharacterized protein isoform	not DE	not DE	not DE	not DE
EVM0005792	LG3	Uveal autoantigen with coiled	not DE	not DE	1.332146	0.01099
EVM0019882	LG3	Vesicle transport protein GOT	not DE	not DE	not DE	not DE
EVM0010839	LG3	Vesicle-associated membrane p	not DE	not DE	not DE	not DE
EVM0009035	LG3	WRKY transcription factor 2-7	not DE	not DE	not DE	not DE
EVM0015392	LG3	WRKY transcription factor 31	2.178324	0.006552	not DE	not DE
EVM0017358	LG3	Xyloglucan 6-xylosyltransfera	-1.23574	7.29E-07	not DE	not DE
EVM0021032	LG3	Yucca 3	not DE	not DE	not DE	not DE
EVM0008002	LG3	Zinc finger protein, putative	not DE	not DE	not DE	not DE
EVM0009378	LG3	actin depolymerizing factor 4	1.212744	0.01502	not DE	not DE
EVM0003350	LG3	acyltransferase, putative	not DE	not DE	not DE	not DE
EVM0003865	LG3	autophagy-related protein 8h	not DE	not DE	not DE	not DE
EVM0007830	LG3	beta-1,3-glucanase	not DE	not DE	not DE	not DE
EVM0003258	LG3	beta-galactosidase	not DE	not DE	not DE	not DE
EVM0017869	LG3	beta-galactosidase	not DE	not DE	not DE	not DE
EVM0002734	LG3	calmodulin-binding family pro	not DE	not DE	not DE	not DE
EVM0000701	LG3	ccr4-associated factor, putative	not DE	not DE	not DE	not DE
EVM0000430	LG3	chitinase	not DE	not DE	not DE	not DE
EVM0002563	LG3	chitinase	7.940451	0.000599	not DE	not DE
EVM0005445	LG3	chitinase	not DE	not DE	not DE	not DE
EVM0006283	LG3	chitinase	not DE	not DE	not DE	not DE
EVM0012291	LG3	chitinase	not DE	not DE	not DE	not DE
EVM0015598	LG3	chitinase	not DE	not DE	not DE	not DE
EVM0017574	LG3	chitinase	not DE	not DE	not DE	not DE

EVM0002021	LG3	chloride channel-like family	not DE	not DE	not DE	not DE
EVM0023380	LG3	chloroplast alpha-glucan wate	not DE	not DE	not DE	not DE
EVM0005783	LG3	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0006064	LG3	conserved hypothetical protei	not DE	not DE	3.16236	0.01086
EVM0006398	LG3	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0007142	LG3	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0008190	LG3	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0008256	LG3	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0008672	LG3	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0015620	LG3	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0015831	LG3	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0017181	LG3	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0017384	LG3	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0017561	LG3	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0018704	LG3	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0018881	LG3	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0019089	LG3	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0022566	LG3	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0021509	LG3	cryptochrome 2	not DE	not DE	not DE	not DE
EVM0002498	LG3	cytokinin riboside 5&apos;-mo	not DE	not DE	not DE	not DE
EVM0019607	LG3	dihydrolipoamide dehydrogenas	not DE	not DE	not DE	not DE
EVM0010367	LG3	disease resistance-responsive	not DE	not DE	not DE	not DE
EVM0017355	LG3	embryonic flower 1	1.670994	3.44E-09	not DE	not DE
EVM0002218	LG3	endo-1,3-1,4-beta-d-glucanase	not DE	not DE	not DE	not DE
EVM0006324	LG3	ethylene receptor family prot	not DE	not DE	not DE	not DE
EVM0016941	LG3	ferredoxin 1	-1.07669	0.011604	not DE	not DE
EVM0024224	LG3	flowering time control protei	not DE	not DE	not DE	not DE
EVM0018611	LG3	gag-pol polyprotein	not DE	not DE	not DE	not DE
EVM0015042	LG3	galactinol synthase	not DE	not DE	not DE	not DE
EVM0019359	LG3	glutathione reductase	1.644554	0.004114	not DE	not DE
EVM0009741	LG3	glutathione s-transferase, pu	not DE	not DE	not DE	not DE
EVM0000581	LG3	glutathione transferase, part	not DE	not DE	not DE	not DE
EVM0003413	LG3	glutathione transferase, part	not DE	not DE	not DE	not DE
EVM0009870	LG3	glutathione transferase, part	not DE	not DE	not DE	not DE
EVM0010612	LG3	glutathione transferase, part	not DE	not DE	not DE	not DE
EVM0013679	LG3	glutathione transferase, part	not DE	not DE	not DE	not DE
EVM0017596	LG3	glutathione transferase, part	not DE	not DE	not DE	not DE
EVM0017821	LG3	glutathione transferase, part	not DE	not DE	not DE	not DE
EVM0021317	LG3	glutathione transferase, part	not DE	not DE	not DE	not DE
EVM0009059	LG3	glycosyltransferase family 14	not DE	not DE	not DE	not DE
EVM0010406	LG3	heat shock protein	not DE	not DE	not DE	not DE
EVM0021781	LG3	heat shock protein 17.7	-4.88861	1.44E-12	-2.53864	#####
EVM0002873	LG3	hypothetical protein	-3.23166	0.039771	-2.56454	0.00693
EVM0014521	LG3	hypothetical protein	not DE	not DE	not DE	not DE
EVM0022099	LG3	hypothetical protein	not DE	not DE	not DE	not DE
EVM0022234	LG3	hypothetical protein	not DE	not DE	not DE	not DE
EVM0008625	LG3	hypothetical protein AALP_AA8	not DE	not DE	not DE	not DE
EVM0020857	LG3	hypothetical protein AALP_AA8	not DE	not DE	1.260568	#####
EVM0001200	LG3	hypothetical protein AMTR_s03	not DE	not DE	not DE	not DE
EVM0023825	LG3	hypothetical protein ARALYDRA	not DE	not DE	not DE	not DE
EVM0003527	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013929	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015028	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022642	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0003583	LG3	hypothetical protein CICLE_v1	not DE	not DE	-1.09071	#####
EVM0022331	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015562	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005382	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016309	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009143	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012701	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006730	LG3	hypothetical protein CICLE_v1	2.248123	0.000749	not DE	not DE
EVM0006225	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012369	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004579	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010978	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009231	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015752	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023089	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011559	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018193	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002541	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006040	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023688	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014765	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020946	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014331	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005130	LG3	hypothetical protein CICLE_v1	-2.26132	0.000342	not DE	not DE
EVM0023761	LG3	hypothetical protein CICLE_v1	not DE	not DE	1.004987	0.00956
EVM0006555	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016021	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019315	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004238	LG3	hypothetical protein CICLE_v1	2.570567	0.024026	not DE	not DE
EVM0008800	LG3	hypothetical protein CICLE_v1	2.448341	0.00811	not DE	not DE
EVM0004213	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022140	LG3	hypothetical protein CICLE_v1	1.416811	0.027229	not DE	not DE
EVM0004617	LG3	hypothetical protein CICLE_v1	3.511277	0.000462	not DE	not DE
EVM0011574	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014261	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018886	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017509	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006952	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016709	LG3	hypothetical protein CICLE_v1	1.709846	5.93E-12	not DE	not DE
EVM0008476	LG3	hypothetical protein CICLE_v1	1.166023	0.022616	not DE	not DE
EVM0002555	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015807	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019433	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004268	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000097	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021041	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023243	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001406	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010796	LG3	hypothetical protein CICLE_v1	not DE	not DE	1.328012	0.00343
EVM0011308	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014857	LG3	hypothetical protein CICLE_v1	-1.45446	0.035255	not DE	not DE
EVM0015969	LG3	hypothetical protein CICLE_v1	-1.2314	0.019851	not DE	not DE
EVM0024157	LG3	hypothetical protein CICLE_v1	-1.26118	0.021685	not DE	not DE
EVM0007927	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE



EVM0012057	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019962	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020173	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004459	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024032	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001288	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009927	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003393	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013344	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020935	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000796	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023707	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003584	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007063	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022971	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010859	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014829	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020011	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006307	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007996	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012569	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016597	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003629	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017167	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019428	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014655	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008264	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011957	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014013	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021013	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022649	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017145	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020006	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022329	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006060	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024619	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004569	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017106	LG3	hypothetical protein CICLE_v1	1.174437	0.003395	not DE	not DE
EVM0009831	LG3	hypothetical protein CICLE_v1	not DE	not DE	-1.08357	0.00443
EVM0018490	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007911	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021594	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010277	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001128	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011406	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024050	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004882	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016748	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015744	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002661	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023881	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011732	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009081	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001334	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0017549	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007082	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009329	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020195	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004963	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002902	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001566	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004258	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006094	LG3	hypothetical protein CICLE_v1	1.724635	0.014605	not DE	not DE
EVM0018413	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013639	LG3	hypothetical protein CICLE_v1	2.554188	0.000815	not DE	not DE
EVM0014622	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005341	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001095	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006133	LG3	hypothetical protein CICLE_v1	4.410196	0.039199	not DE	not DE
EVM0024638	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022293	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020376	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006797	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008043	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017052	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002255	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005330	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010035	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001046	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002612	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009593	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021489	LG3	hypothetical protein CICLE_v1	not DE	not DE	-1.02234	0.0032
EVM0008855	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014710	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007382	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007101	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012406	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008338	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011709	LG3	hypothetical protein CICLE_v1	not DE	not DE	2.788103	0.03267
EVM0017935	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018284	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007630	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011169	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015357	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022157	LG3	hypothetical protein CICLE_v1	2.876569	0.038739	not DE	not DE
EVM0011143	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006866	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019085	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021933	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022859	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015354	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023892	LG3	hypothetical protein CICLE_v1	not DE	not DE	-2.14138	0.01658
EVM0022712	LG3	hypothetical protein CICLE_v1	not DE	not DE	-4.49309	0.01191
EVM0000372	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010155	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022941	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019967	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001514	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0006429	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012510	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024172	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014496	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014270	LG3	hypothetical protein CICLE_v1	1.623455	7.27E-05	not DE	not DE
EVM0013377	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009704	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021632	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017578	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024023	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017838	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001785	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023323	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023689	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007363	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002214	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001377	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014320	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012786	LG3	hypothetical protein CICLE_v1	-1.38737	0.018592	not DE	not DE
EVM0003792	LG3	hypothetical protein CICLE_v1	-2.1351	0.000571	not DE	not DE
EVM0004003	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017475	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019317	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007561	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000002	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017805	LG3	hypothetical protein CICLE_v1	2.470872	0.001501	not DE	not DE
EVM0003961	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002192	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008590	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010331	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020955	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023567	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023093	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009971	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024442	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002667	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012643	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020663	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002081	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015825	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008895	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018574	LG3	hypothetical protein CICLE_v1	2.250995	0.034064	-1.77574	0.02011
EVM0009988	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005035	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016841	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007143	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020959	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007119	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012866	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012209	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023557	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018210	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021439	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007664	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0001439	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016453	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004792	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002411	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011251	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012133	LG3	hypothetical protein CICLE_v1	1.302032	0.040708	not DE	not DE
EVM0005754	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001193	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014406	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001863	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020334	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014219	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022101	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010175	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008281	LG3	hypothetical protein CICLE_v1	not DE	not DE	1.954074	0.03344
EVM0015322	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019741	LG3	hypothetical protein CICLE_v1	1.334589	1.43E-05	not DE	not DE
EVM0000887	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012996	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020691	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021183	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017418	LG3	hypothetical protein CICLE_v1	not DE	not DE	1.728491	0.04106
EVM0018255	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011282	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022670	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008566	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012897	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018004	LG3	hypothetical protein CICLE_v1	not DE	not DE	1.338747	0.00015
EVM0000171	LG3	hypothetical protein CICLE_v1	2.76048	0.004955	2.172474	#####
EVM0002785	LG3	hypothetical protein CICLE_v1	1.559172	0.035231	not DE	not DE
EVM0005559	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014458	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017783	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017340	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018459	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018035	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006382	LG3	hypothetical protein CICLE_v1	not DE	not DE	1.610488	#####
EVM0007553	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016546	LG3	hypothetical protein CICLE_v1	not DE	not DE	2.169898	0.02235
EVM0012955	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000033	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003840	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021332	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001269	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004815	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010671	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015938	LG3	hypothetical protein CICLE_v1	not DE	not DE	1.002269	0.00083
EVM0009266	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006971	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017342	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018436	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007454	LG3	hypothetical protein CICLE_v1	1.00112	0.026448	not DE	not DE
EVM0009109	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003785	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE



EVM0007695	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014419	LG3	hypothetical protein CICLE_v1	-1.30325	0.004145	not DE	not DE
EVM0024015	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012594	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003271	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009625	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005374	LG3	hypothetical protein CICLE_v1	1.00825	0.038442	not DE	not DE
EVM0005596	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019939	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000598	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005079	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010657	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004251	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012653	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022616	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002501	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014625	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012625	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008459	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024226	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019944	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005085	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018138	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018272	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018360	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020919	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023661	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000885	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017275	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012357	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024208	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019390	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010890	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024613	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012971	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015006	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001558	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003969	LG3	hypothetical protein CICLE_v1	-2.45053	0.027451	not DE	not DE
EVM0010500	LG3	hypothetical protein CICLE_v1	-1.18982	0.023411	not DE	not DE
EVM0009966	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004918	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013886	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011165	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022018	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015842	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020425	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002623	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018857	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001148	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015626	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004515	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013938	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018063	LG3	hypothetical protein CICLE_v1	1.027151	0.044161	not DE	not DE
EVM0022832	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0002635	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009196	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007235	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003178	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007152	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012117	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014868	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000855	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008201	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015474	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009836	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012926	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006668	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007573	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023351	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022553	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011766	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023296	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016311	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011726	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020832	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014161	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000494	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016957	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018780	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002129	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014209	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002894	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024104	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001736	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001578	LG3	hypothetical protein CICLE_v1	-2.33161	0.004857	-2.95502	#####
EVM0019806	LG3	hypothetical protein CICLE_v1	not DE	not DE	-1.28878	0.01332
EVM0008513	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016968	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013103	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009132	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019960	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022648	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012409	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003191	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024327	LG3	hypothetical protein CICLE_v1	not DE	not DE	2.183909	0.01727
EVM0019333	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019049	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015819	LG3	hypothetical protein CICLE_v1	not DE	not DE	1.049497	0.0214
EVM0001088	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017603	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006544	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023525	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023666	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024662	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004318	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010496	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016268	LG3	hypothetical protein CICLE_v1	-4.47433	0.036286	not DE	not DE
EVM0006992	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0008601	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019491	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003152	LG3	hypothetical protein CICLE_v1	not DE	not DE	1.637809	#####
EVM0015482	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022038	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001413	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002953	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010099	LG3	hypothetical protein CICLE_v1	1.836534	0.027073	not DE	not DE
EVM0005390	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001283	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022756	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015913	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019963	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000240	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014333	LG3	hypothetical protein CICLE_v1	not DE	not DE	1.193696	0.00136
EVM0008087	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023515	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023693	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003336	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009046	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012645	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001279	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007103	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006679	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015443	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022609	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007139	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007254	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009827	LG3	hypothetical protein CICLE_v1	not DE	not DE	1.081883	0.00018
EVM0020911	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015189	LG3	hypothetical protein CICLE_v1	1.794512	0.007284	not DE	not DE
EVM0020781	LG3	hypothetical protein CICLE_v1	not DE	not DE	1.945003	#####
EVM0009426	LG3	hypothetical protein CICLE_v1	-4.84888	0.001843	-5.93523	#####
EVM0024511	LG3	hypothetical protein CICLE_v1	not DE	not DE	1.892162	#####
EVM0013961	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008303	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006510	LG3	hypothetical protein CICLE_v1	not DE	not DE	2.741724	#####
EVM0004039	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010074	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016095	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012407	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018354	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002334	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018364	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014692	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016737	LG3	hypothetical protein CICLE_v1	2.060025	0.007952	not DE	not DE
EVM0012694	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008014	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003861	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009477	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013879	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006892	LG3	hypothetical protein CICLE_v1	-1.13165	9.16E-05	not DE	not DE
EVM0011907	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016908	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE



EVM0017282	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016083	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018918	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008705	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000580	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002933	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022542	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008950	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000243	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002722	LG3	hypothetical protein CICLE_v1	-1.91651	0.003274	not DE	not DE
EVM0004401	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005121	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006731	LG3	hypothetical protein CICLE_v1	7.272351	2.70E-05	not DE	not DE
EVM0000744	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017943	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000978	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021411	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019792	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006210	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006717	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006830	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012660	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016347	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010984	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005912	LG3	hypothetical protein CICLE_v1	-2.84799	0.001527	not DE	not DE
EVM0013537	LG3	hypothetical protein CICLE_v1	-2.79845	0.000531	not DE	not DE
EVM0007385	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013223	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002965	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024033	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007751	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013777	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016302	LG3	hypothetical protein CICLE_v1	not DE	not DE	-1.55963	0.04356
EVM0007805	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022585	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014411	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021588	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020017	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011306	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011402	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021072	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000515	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003405	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000620	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002340	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009493	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014869	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013824	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020612	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012376	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015110	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024492	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002938	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001248	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE



EVM0010810	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012161	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014956	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016119	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016644	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018948	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019188	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024631	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005992	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003476	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007647	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013856	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015160	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018211	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002821	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013819	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003618	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023633	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022178	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005066	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011552	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009918	LG3	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005879	LG3	hypothetical protein CISIN_1g	not DE	not DE	-1.37463	#####
EVM0022175	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008172	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004975	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007823	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005050	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023739	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004257	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019204	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013829	LG3	hypothetical protein CISIN_1g	-1.71275	0.0074	not DE	not DE
EVM0005451	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007657	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016481	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008397	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003613	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010514	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015934	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021587	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004051	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019925	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007276	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004315	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011323	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023751	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015675	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014791	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007635	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016880	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011697	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018416	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004240	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005910	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0009384	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015696	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020985	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015412	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018907	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012175	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022671	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004372	LG3	hypothetical protein CISIN_1g	1.004067	0.021991	not DE	not DE
EVM0017924	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013797	LG3	hypothetical protein CISIN_1g	2.488538	0.008345	not DE	not DE
EVM0017908	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014605	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017495	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021372	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024365	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024527	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020530	LG3	hypothetical protein CISIN_1g	-1.61382	0.000137	not DE	not DE
EVM0023750	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019634	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012045	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017214	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000261	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019357	LG3	hypothetical protein CISIN_1g	1.095192	0.046686	not DE	not DE
EVM0006135	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021564	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006048	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008747	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008123	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009585	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011609	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006775	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012265	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012313	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014031	LG3	hypothetical protein CISIN_1g	1.760157	0.00842	not DE	not DE
EVM0020435	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000665	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015385	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008696	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019704	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016962	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001616	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011531	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007476	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011273	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005691	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009822	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006184	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006656	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024567	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014410	LG3	hypothetical protein CISIN_1g	-1.00292	0.027418	not DE	not DE
EVM0006741	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011088	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019013	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019544	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0004983	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002082	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012711	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017302	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016203	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002690	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010264	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009506	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012731	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014391	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003321	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013160	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017388	LG3	hypothetical protein CISIN_1g	1.017607	0.016898	not DE	not DE
EVM0013650	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008757	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001296	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012802	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005019	LG3	hypothetical protein CISIN_1g	1.705763	0.006282	1.297835	0.04718
EVM0003514	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000318	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020189	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008230	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002429	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007269	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013382	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021608	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021988	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019579	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011891	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008387	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011136	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024634	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020263	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001767	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013380	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007144	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001984	LG3	hypothetical protein CISIN_1g	not DE	not DE	1.132166	0.03482
EVM0008335	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002678	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016216	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006230	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010204	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016885	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024126	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015222	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013242	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014389	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018861	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012805	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020113	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003158	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016168	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014015	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015214	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0006938	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004145	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013747	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020647	LG3	hypothetical protein CISIN_1g	-2.33119	0.030031	not DE	not DE
EVM0002957	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012019	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003902	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012298	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013268	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010676	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000984	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008890	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010078	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000961	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000377	LG3	hypothetical protein CISIN_1g	not DE	not DE	2.024116	#####
EVM0016414	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008308	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010572	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018608	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004212	LG3	hypothetical protein CISIN_1g	3.360102	0.000147	not DE	not DE
EVM0004637	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014584	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006297	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015613	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023630	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001964	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019957	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022956	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003215	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011887	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000809	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005643	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015280	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021874	LG3	hypothetical protein CISIN_1g	not DE	not DE	2.473551	0.04159
EVM0000857	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009720	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016201	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010765	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022363	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016041	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005857	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008536	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012068	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014077	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008095	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010394	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013552	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001694	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010129	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018518	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001673	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020353	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024096	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007496	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0009268	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013428	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022541	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009068	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008177	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024076	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019956	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007424	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012059	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008500	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001712	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019025	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006263	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001243	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002561	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013330	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003036	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013372	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022722	LG3	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010441	LG3	hypothetical protein Csa_3G14	not DE	not DE	not DE	not DE
EVM0011884	LG3	hypothetical protein Csa_6G51	not DE	not DE	not DE	not DE
EVM0013315	LG3	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0013652	LG3	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0017917	LG3	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0021747	LG3	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0018108	LG3	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0020601	LG3	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0024433	LG3	hypothetical protein EUGRSUZ_5.419074	5.38E-05	not DE	not DE	not DE
EVM0024551	LG3	hypothetical protein EUTSA_v1	not DE	not DE	not DE	not DE
EVM0012432	LG3	hypothetical protein EUTSA_v1	not DE	not DE	not DE	not DE
EVM0022547	LG3	hypothetical protein EUTSA_v1	-1.94427	4.14E-06	-1.72648	0.00573
EVM0017775	LG3	hypothetical protein F383_339	not DE	not DE	not DE	not DE
EVM0014149	LG3	hypothetical protein JCGZ_011	not DE	not DE	not DE	not DE
EVM0013535	LG3	hypothetical protein JCGZ_020	not DE	not DE	not DE	not DE
EVM0024168	LG3	hypothetical protein JCGZ_020	not DE	not DE	not DE	not DE
EVM0007003	LG3	hypothetical protein JCGZ_020	not DE	not DE	not DE	not DE
EVM0002832	LG3	hypothetical protein JCGZ_020	not DE	not DE	not DE	not DE
EVM0005762	LG3	hypothetical protein JCGZ_021	not DE	not DE	-2.90294	0.01996
EVM0008064	LG3	hypothetical protein JCGZ_021	not DE	not DE	not DE	not DE
EVM0010516	LG3	hypothetical protein JCGZ_021	not DE	not DE	not DE	not DE
EVM0010503	LG3	hypothetical protein JCGZ_021	not DE	not DE	not DE	not DE
EVM0007339	LG3	hypothetical protein JCGZ_021	not DE	not DE	not DE	not DE
EVM0007824	LG3	hypothetical protein JCGZ_023	not DE	not DE	not DE	not DE
EVM0017764	LG3	hypothetical protein JCGZ_023	not DE	not DE	not DE	not DE
EVM0005209	LG3	hypothetical protein JCGZ_023	not DE	not DE	not DE	not DE
EVM0015163	LG3	hypothetical protein JCGZ_023	not DE	not DE	not DE	not DE
EVM0013588	LG3	hypothetical protein JCGZ_023	not DE	not DE	not DE	not DE
EVM0020877	LG3	hypothetical protein JCGZ_060	not DE	not DE	not DE	not DE
EVM0000225	LG3	hypothetical protein JCGZ_064	not DE	not DE	not DE	not DE
EVM0023547	LG3	hypothetical protein JCGZ_069	not DE	not DE	not DE	not DE
EVM0013635	LG3	hypothetical protein JCGZ_070	not DE	not DE	not DE	not DE
EVM0000800	LG3	hypothetical protein JCGZ_070	not DE	not DE	not DE	not DE
EVM0023292	LG3	hypothetical protein JCGZ_070	not DE	not DE	not DE	not DE
EVM0008785	LG3	hypothetical protein JCGZ_070	not DE	not DE	not DE	not DE

EVM0019286	LG3	hypothetical protein JCGZ_071	not DE	not DE	-1.09199	0.00077
EVM0012252	LG3	hypothetical protein JCGZ_071	-1.41574	0.009728	not DE	not DE
EVM0019056	LG3	hypothetical protein JCGZ_071	not DE	not DE	not DE	not DE
EVM0017312	LG3	hypothetical protein JCGZ_075	-1.80591	3.58E-09	not DE	not DE
EVM0016138	LG3	hypothetical protein JCGZ_075	not DE	not DE	not DE	not DE
EVM0022209	LG3	hypothetical protein JCGZ_076	not DE	not DE	not DE	not DE
EVM0024289	LG3	hypothetical protein JCGZ_076	not DE	not DE	not DE	not DE
EVM0009538	LG3	hypothetical protein JCGZ_076	not DE	not DE	not DE	not DE
EVM0016595	LG3	hypothetical protein JCGZ_076	not DE	not DE	not DE	not DE
EVM0020750	LG3	hypothetical protein JCGZ_076	not DE	not DE	1.020682	0.00177
EVM0015255	LG3	hypothetical protein JCGZ_076	not DE	not DE	not DE	not DE
EVM0005405	LG3	hypothetical protein JCGZ_077	not DE	not DE	-1.98312	0.00107
EVM0003397	LG3	hypothetical protein JCGZ_077	not DE	not DE	not DE	not DE
EVM0010424	LG3	hypothetical protein JCGZ_103	not DE	not DE	not DE	not DE
EVM0005915	LG3	hypothetical protein JCGZ_106	not DE	not DE	not DE	not DE
EVM0007845	LG3	hypothetical protein JCGZ_106	not DE	not DE	not DE	not DE
EVM0009051	LG3	hypothetical protein JCGZ_106	not DE	not DE	not DE	not DE
EVM0000463	LG3	hypothetical protein JCGZ_108	not DE	not DE	not DE	not DE
EVM0001640	LG3	hypothetical protein JCGZ_131	-4.60955	3.84E-15	-3.98423	#####
EVM0015616	LG3	hypothetical protein JCGZ_189	not DE	not DE	not DE	not DE
EVM0011211	LG3	hypothetical protein JCGZ_189	not DE	not DE	not DE	not DE
EVM0007780	LG3	hypothetical protein JCGZ_190	not DE	not DE	not DE	not DE
EVM0016402	LG3	hypothetical protein JCGZ_190	not DE	not DE	not DE	not DE
EVM0007890	LG3	hypothetical protein JCGZ_190	not DE	not DE	not DE	not DE
EVM0016642	LG3	hypothetical protein JCGZ_190	not DE	not DE	not DE	not DE
EVM0000025	LG3	hypothetical protein JCGZ_190	not DE	not DE	not DE	not DE
EVM0003503	LG3	hypothetical protein JCGZ_208	not DE	not DE	not DE	not DE
EVM0012269	LG3	hypothetical protein JCGZ_209	not DE	not DE	not DE	not DE
EVM0021461	LG3	hypothetical protein JCGZ_218	not DE	not DE	not DE	not DE
EVM0018752	LG3	hypothetical protein JCGZ_231	not DE	not DE	not DE	not DE
EVM0018270	LG3	hypothetical protein JCGZ_232	not DE	not DE	not DE	not DE
EVM0009733	LG3	hypothetical protein JCGZ_232	not DE	not DE	not DE	not DE
EVM0009079	LG3	hypothetical protein JCGZ_233	not DE	not DE	not DE	not DE
EVM0004916	LG3	hypothetical protein JCGZ_237	not DE	not DE	not DE	not DE
EVM0006975	LG3	hypothetical protein JCGZ_238	not DE	not DE	not DE	not DE
EVM0001359	LG3	hypothetical protein L484_000	not DE	not DE	not DE	not DE
EVM0015389	LG3	hypothetical protein L484_004	not DE	not DE	3.544359	0.01731
EVM0018225	LG3	hypothetical protein L484_005	not DE	not DE	not DE	not DE
EVM0017827	LG3	hypothetical protein L484_007	not DE	not DE	not DE	not DE
EVM0011781	LG3	hypothetical protein L484_007	not DE	not DE	not DE	not DE
EVM0001102	LG3	hypothetical protein L484_008	not DE	not DE	1.514924	0.03193
EVM0006897	LG3	hypothetical protein L484_008	not DE	not DE	not DE	not DE
EVM0006910	LG3	hypothetical protein L484_010	not DE	not DE	not DE	not DE
EVM0003947	LG3	hypothetical protein L484_011	not DE	not DE	not DE	not DE
EVM0008987	LG3	hypothetical protein L484_017	not DE	not DE	not DE	not DE
EVM0015789	LG3	hypothetical protein L484_021	not DE	not DE	not DE	not DE
EVM0000475	LG3	hypothetical protein L484_023	not DE	not DE	not DE	not DE
EVM0008541	LG3	hypothetical protein L484_025	not DE	not DE	not DE	not DE
EVM0016049	LG3	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0023076	LG3	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0005305	LG3	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0016128	LG3	hypothetical protein OsI_1490	not DE	not DE	not DE	not DE
EVM0014127	LG3	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0015568	LG3	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE



EVM0017432	LG3	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0012448	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0021237	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0008088	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0013324	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0003197	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0022231	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0014342	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023285	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0009025	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0009313	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010573	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0022251	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010008	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006750	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0024594	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0008419	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0014763	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0017740	LG3	hypothetical protein POPTR_00	1.931234	4.71E-05	not DE	not DE
EVM0011488	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000918	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0008840	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0009119	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0004371	LG3	hypothetical protein POPTR_00	2.303311	0.001401	not DE	not DE
EVM0005872	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023074	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000144	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0016051	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0021454	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0003901	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0021676	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002746	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0008504	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023546	LG3	hypothetical protein POPTR_00	not DE	not DE	1.870986	0.01736
EVM0008522	LG3	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023222	LG3	hypothetical protein POPTR_02	not DE	not DE	not DE	not DE
EVM0016281	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0023042	LG3	hypothetical protein PRUPE_pp	1.945818	0.02219	not DE	not DE
EVM0020836	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0019695	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0021775	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0003604	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0007792	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0009723	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0009523	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0007922	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0022288	LG3	hypothetical protein PRUPE_pp	1.510186	0.027361	not DE	not DE
EVM0014451	LG3	hypothetical protein PRUPE_pp	5.711334	0.000702	not DE	not DE
EVM0022253	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0004772	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0002675	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0012361	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0015208	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0017711	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE

EVM0024333	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0008413	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0024355	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0017562	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0003748	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0008464	LG3	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0015737	LG3	hypothetical protein SORBIDRA	not DE	not DE	not DE	not DE
EVM0021435	LG3	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0012744	LG3	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0003220	LG3	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0017731	LG3	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0008388	LG3	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0022460	LG3	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0014416	LG3	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0011826	LG3	hypothetical protein VITISV_C	-2.06762	9.94E-07	not DE	not DE
EVM0007906	LG3	importin alpha	not DE	not DE	not DE	not DE
EVM0009464	LG3	lipoxygenase	not DE	not DE	not DE	not DE
EVM0013716	LG3	lipoxygenase	not DE	not DE	not DE	not DE
EVM0024252	LG3	magnesium transporter CorA-li	not DE	not DE	not DE	not DE
EVM0002639	LG3	male sterility protein 2	not DE	not DE	not DE	not DE
EVM0003426	LG3	male sterility protein 2	not DE	not DE	not DE	not DE
EVM0007023	LG3	male sterility protein 2	not DE	not DE	not DE	not DE
EVM0019951	LG3	male sterility-related protein	not DE	not DE	not DE	not DE
EVM0017498	LG3	oligopeptide transporter, put	not DE	not DE	not DE	not DE
EVM0018813	LG3	pectin methylesterase	not DE	not DE	not DE	not DE
EVM0014967	LG3	peptidyl-prolyl cis-trans isc	not DE	not DE	not DE	not DE
EVM0018204	LG3	peptidyl-prolyl cis-trans isc	not DE	not DE	not DE	not DE
EVM0011579	LG3	phopholipase d alpha, putativ	not DE	not DE	not DE	not DE
EVM0016895	LG3	phytochrome B	not DE	not DE	not DE	not DE
EVM0009815	LG3	phytoene desaturase	not DE	not DE	not DE	not DE
EVM0000397	LG3	polygalacturonase family prot	not DE	not DE	not DE	not DE
EVM0017707	LG3	polygalacturonase family prot	not DE	not DE	not DE	not DE
EVM0012652	LG3	proline-rich protein precursor	not DE	not DE	-2.04201	0.02426
EVM0007325	LG3	prolyl 4-hydroxylase alpha su	not DE	not DE	not DE	not DE
EVM0015375	LG3	putative early light induced	not DE	not DE	not DE	not DE
EVM0016781	LG3	putative glucosyltransferase	not DE	not DE	not DE	not DE
EVM0021751	LG3	putative inositol transporter	1.781272	0.002072	not DE	not DE
EVM0012126	LG3	putative monogalactosyldiacyl	not DE	not DE	not DE	not DE
EVM0002997	LG3	rapid alkalization factor p	not DE	not DE	not DE	not DE
EVM0014004	LG3	replication factor c large su	not DE	not DE	not DE	not DE
EVM0001206	LG3	rhomboid family protein	not DE	not DE	not DE	not DE
EVM0014502	LG3	ribosomal protein L17-like pr	not DE	not DE	not DE	not DE
EVM0021388	LG3	ribosomal protein L29	not DE	not DE	not DE	not DE
EVM0022913	LG3	ribosomal protein S9, putativ	not DE	not DE	not DE	not DE
EVM0009673	LG3	sesquiterpene synthase	not DE	not DE	not DE	not DE
EVM0009784	LG3	spermidine synthase, partial	not DE	not DE	not DE	not DE
EVM0019677	LG3	spermidine synthase, partial	not DE	not DE	not DE	not DE
EVM0001262	LG3	tonoplast intrinsic protein,	-2.17709	7.62E-06	not DE	not DE
EVM0020990	LG3	transcription factor, putativ	not DE	not DE	not DE	not DE
EVM0022167	LG3	transferase, putative	not DE	not DE	not DE	not DE
EVM0008722	LG3	translationally controlled tu	not DE	not DE	not DE	not DE
EVM0018771	LG3	translationally controlled tu	not DE	not DE	not DE	not DE
EVM0003731	LG3	type III polyketide synthase	not DE	not DE	not DE	not DE
EVM0003928	LG3	uncharacterized protein LOC10	not DE	not DE	not DE	not DE

EVM0007816	LG3	uncharacterized protein LOC10	not DE	not DE	not DE	not DE
EVM0011214	LG3	uncharacterized protein LOC10	not DE	not DE	not DE	not DE
EVM0022185	LG3	uncharacterized protein LOC10	not DE	not DE	not DE	not DE
EVM0000354	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0001240	LG3	unknown protein	2.082111	0.003472	2.713421	#####
EVM0002007	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0003025	LG3	unknown protein	-1.44809	0.043422	not DE	not DE
EVM0003603	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0003916	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0004068	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0004770	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0004806	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0005662	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0005755	LG3	unknown protein	1.873605	0.014608	1.725953	0.00064
EVM0006535	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0006930	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0007174	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0010002	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0011077	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0011319	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0012079	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0012542	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0013083	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0013321	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0014928	LG3	unknown protein	2.589466	0.022982	not DE	not DE
EVM0015320	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0015958	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0016328	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0016849	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0018273	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0018528	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0019559	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0019788	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0020554	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0021239	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0022096	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0022766	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0024309	LG3	unknown protein	not DE	not DE	not DE	not DE
EVM0000613	LG3	unnamed protein product	not DE	not DE	not DE	not DE
EVM0001975	LG3	unnamed protein product	not DE	not DE	not DE	not DE
EVM0002406	LG3	unnamed protein product	not DE	not DE	not DE	not DE
EVM0003006	LG3	unnamed protein product	not DE	not DE	not DE	not DE
EVM0003214	LG3	unnamed protein product	not DE	not DE	not DE	not DE
EVM0004220	LG3	unnamed protein product	not DE	not DE	not DE	not DE
EVM0005183	LG3	unnamed protein product	2.251002	0.030556	not DE	not DE
EVM0006649	LG3	unnamed protein product	not DE	not DE	not DE	not DE
EVM0007107	LG3	unnamed protein product	not DE	not DE	not DE	not DE
EVM0007196	LG3	unnamed protein product	not DE	not DE	not DE	not DE
EVM0009562	LG3	unnamed protein product	not DE	not DE	not DE	not DE
EVM0010268	LG3	unnamed protein product	not DE	not DE	1.022008	0.00729
EVM0010539	LG3	unnamed protein product	-1.58402	0.001606	1.449993	0.04134
EVM0011556	LG3	unnamed protein product	not DE	not DE	not DE	not DE
EVM0013905	LG3	unnamed protein product	not DE	not DE	not DE	not DE
EVM0014906	LG3	unnamed protein product	not DE	not DE	not DE	not DE

EVM0016684	LG3	unnamed protein product	not DE	not DE	not DE	not DE
EVM0018019	LG3	unnamed protein product	not DE	not DE	not DE	not DE
EVM0019895	LG3	unnamed protein product	not DE	not DE	not DE	not DE
EVM0021475	LG3	unnamed protein product	not DE	not DE	not DE	not DE
EVM0022978	LG3	unnamed protein product	not DE	not DE	not DE	not DE
EVM0023470	LG3	unnamed protein product	not DE	not DE	not DE	not DE
EVM0011056	LG3	xyloglucan endotransglycosylase	not DE	not DE	not DE	not DE
EVM0011336	LG3	zinc finger family protein	not DE	not DE	not DE	not DE
EVM0008607	LG4	(3S, 6E)-nerolidol synthase 2	not DE	not DE	not DE	not DE
EVM0019933	LG4	1-aminocyclopropane-1-carboxylate synthase	not DE	not DE	not DE	not DE
EVM0007419	LG4	1-aminocyclopropane-1-carboxylate synthase	not DE	not DE	not DE	not DE
EVM0005346	LG4	12-oxophytodienoate reductase 1	not DE	not DE	not DE	not DE
EVM0008039	LG4	12-oxophytodienoate reductase 1	not DE	not DE	not DE	not DE
EVM0008245	LG4	12-oxophytodienoate reductase 1	5.952949	0.000343	not DE	not DE
EVM0014782	LG4	12-oxophytodienoate reductase 1	not DE	not DE	not DE	not DE
EVM0021315	LG4	12-oxophytodienoate reductase 1	not DE	not DE	not DE	not DE
EVM0021504	LG4	12-oxophytodienoate reductase 1	not DE	not DE	not DE	not DE
EVM0004493	LG4	12-oxophytodienoate reductase 1	not DE	not DE	not DE	not DE
EVM0020127	LG4	16.9 kDa class I heat shock protein	not DE	not DE	not DE	not DE
EVM0002234	LG4	2-oxoisovalerate dehydrogenase	not DE	not DE	not DE	not DE
EVM0022839	LG4	3-ketoacyl-CoA synthase 4-like	not DE	not DE	not DE	not DE
EVM0012062	LG4	30S ribosomal protein S13, chain 1	not DE	not DE	not DE	not DE
EVM0002523	LG4	30S ribosomal protein S9, chain 1	not DE	not DE	not DE	not DE
EVM0008150	LG4	30S ribosomal protein S9, chain 1	not DE	not DE	not DE	not DE
EVM0019178	LG4	31 kDa ribonucleoprotein, chain 1	not DE	not DE	not DE	not DE
EVM0015484	LG4	39S ribosomal protein L41-A, chain 1	not DE	not DE	not DE	not DE
EVM0024568	LG4	39S ribosomal protein L41-A, chain 1	not DE	not DE	not DE	not DE
EVM0008153	LG4	4-coumarate--CoA ligase-like protein	not DE	not DE	not DE	not DE
EVM0011361	LG4	4-coumarate--CoA ligase-like protein	not DE	not DE	not DE	not DE
EVM0014968	LG4	4-coumarate--CoA ligase-like protein	not DE	not DE	not DE	not DE
EVM0019307	LG4	4-coumarate--CoA ligase-like protein	not DE	not DE	not DE	not DE
EVM0019992	LG4	40S ribosomal protein S29-like	not DE	not DE	not DE	not DE
EVM0015936	LG4	5'-3' exoribonuclease	not DE	not DE	not DE	not DE
EVM0018111	LG4	5'-adenylylsulfate reductase	not DE	not DE	not DE	not DE
EVM0024223	LG4	5'-adenylylsulfate reductase	not DE	not DE	not DE	not DE
EVM0023468	LG4	50S ribosomal protein 6, chain 1	not DE	not DE	not DE	not DE
EVM0024419	LG4	50S ribosomal protein L31, chain 1	not DE	not DE	not DE	not DE
EVM0012395	LG4	ABC transporter B family member	not DE	not DE	not DE	not DE
EVM0023988	LG4	ABC transporter G family member	not DE	not DE	not DE	not DE
EVM0005803	LG4	ABC transporter G family member	not DE	not DE	not DE	not DE
EVM0003846	LG4	AP-4 complex subunit mu-like	not DE	not DE	not DE	not DE
EVM0014680	LG4	AP-4 complex subunit mu-like	not DE	not DE	not DE	not DE
EVM0005722	LG4	ATP synthase delta chain, chain 1	-1.65194	0.008554	not DE	not DE
EVM0002729	LG4	ATP-dependent RNA helicase A	not DE	not DE	not DE	not DE
EVM0010966	LG4	B2 protein-like	not DE	not DE	not DE	not DE
EVM0021535	LG4	B3 domain-containing protein	not DE	not DE	not DE	not DE
EVM0003970	LG4	B3 domain-containing protein	not DE	not DE	not DE	not DE
EVM0003724	LG4	BEACH domain-containing protein	not DE	not DE	-1.82508	#####
EVM0007615	LG4	BEL1-like homeodomain protein	not DE	not DE	not DE	not DE
EVM0018497	LG4	BRI1 kinase inhibitor 1-like	not DE	not DE	not DE	not DE
EVM0003209	LG4	BTB/POZ domain-containing protein	-2.4233	0.027299	-3.89679	#####
EVM0012156	LG4	CST complex subunit CTC1-like	not DE	not DE	not DE	not DE
EVM0012650	LG4	DEAD-box ATP-dependent RNA helicase	not DE	not DE	not DE	not DE
EVM0021031	LG4	DEAD-box ATP-dependent RNA helicase	not DE	not DE	not DE	not DE

EVM0023189	LG4	DEAD-box ATP-dependent RNA h	not DE	not DE	not DE	not DE
EVM0016082	LG4	DNA excision repair protein	not DE	not DE	not DE	not DE
EVM0021612	LG4	DNA-3-methyladenine glycosyl	not DE	not DE	not DE	not DE
EVM0019411	LG4	DUF21 domain-containing prot	not DE	not DE	not DE	not DE
EVM0014877	LG4	E3 ubiquitin ligase BIG BRO	not DE	not DE	not DE	not DE
EVM0018566	LG4	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0016064	LG4	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0019614	LG4	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0008939	LG4	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0009518	LG4	F-box protein At3g12350-like	not DE	not DE	not DE	not DE
EVM0011008	LG4	F-box protein At5g03970-like	not DE	not DE	not DE	not DE
EVM0014474	LG4	F-box protein CPR30-like	not DE	not DE	not DE	not DE
EVM0017185	LG4	F-box protein CPR30-like	not DE	not DE	not DE	not DE
EVM0020404	LG4	F-box protein CPR30-like isc	not DE	not DE	not DE	not DE
EVM0016333	LG4	F-box/kelch-repeat protein A	not DE	not DE	not DE	not DE
EVM0007030	LG4	Fanconi anemia group J prote	not DE	not DE	not DE	not DE
EVM0006558	LG4	G-box-binding factor 4-like	not DE	not DE	not DE	not DE
EVM0002917	LG4	GDSL esterase/lipase At1g338	not DE	not DE	not DE	not DE
EVM0008606	LG4	GDSL esterase/lipase At1g716	not DE	not DE	not DE	not DE
EVM0014042	LG4	GDSL esterase/lipase At4g162	not DE	not DE	not DE	not DE
EVM0019552	LG4	GDSL esterase/lipase At5g629	not DE	not DE	not DE	not DE
EVM0019897	LG4	GEM-like protein 1-like	not DE	not DE	not DE	not DE
EVM0012078	LG4	HVA22-like protein i-like	not DE	not DE	not DE	not DE
EVM0023696	LG4	J domain-containing protein	not DE	not DE	not DE	not DE
EVM0015653	LG4	LIM domain-containing protei	not DE	not DE	1.627441	#####
EVM0017652	LG4	LOW QUALITY PROTEIN: N-acety	not DE	not DE	not DE	not DE
EVM0019449	LG4	MADS-box transcription facto	not DE	not DE	not DE	not DE
EVM0020080	LG4	MATE efflux family protein 5	not DE	not DE	not DE	not DE
EVM0009782	LG4	MATE efflux family protein 5	not DE	not DE	not DE	not DE
EVM0008683	LG4	MLO-like protein 1-like	not DE	not DE	not DE	not DE
EVM0024232	LG4	MLO-like protein 9-like	not DE	not DE	not DE	not DE
EVM0014255	LG4	NAC domain-containing protei	not DE	not DE	not DE	not DE
EVM0018517	LG4	NAC domain-containing protei	not DE	not DE	not DE	not DE
EVM0012077	LG4	NAD(P)H-quinone oxidoreducta	-1.21918	0.002574	not DE	not DE
EVM0017614	LG4	O-acyltransferase WSD1-like	not DE	not DE	not DE	not DE
EVM0003811	LG4	RING finger protein 148-like	3.385616	0.013525	not DE	not DE
EVM0008631	LG4	RING-H2 finger protein ATL54	not DE	not DE	not DE	not DE
EVM0012639	LG4	RING-H2 finger protein ATL54	not DE	not DE	not DE	not DE
EVM0020018	LG4	RNA pseudouridine synthase 2	not DE	not DE	not DE	not DE
EVM0005773	LG4	RNA-binding protein FUS-like	not DE	not DE	not DE	not DE
EVM0007624	LG4	S-type anion channel SLAH1-l	not DE	not DE	not DE	not DE
EVM0010225	LG4	SCY1-like protein 2-like	2.100871	0.000378	not DE	not DE
EVM0017774	LG4	SCY1-like protein 2-like	not DE	not DE	not DE	not DE
EVM0001024	LG4	SUMO-conjugating enzyme SCE1	not DE	not DE	not DE	not DE
EVM0023782	LG4	SUMO-conjugating enzyme SCE1	not DE	not DE	not DE	not DE
EVM0024444	LG4	SUMO-conjugating enzyme SCE1	not DE	not DE	not DE	not DE
EVM0019176	LG4	SWI/SNF complex subunit SWI3	not DE	not DE	not DE	not DE
EVM0002474	LG4	T-complex protein 1 subunit	not DE	not DE	not DE	not DE
EVM0002692	LG4	THO complex subunit 5 homolo	not DE	not DE	not DE	not DE
EVM0002256	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0003631	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0005358	LG4	TMV resistance protein N-lik	not DE	not DE	-1.87225	0.02372
EVM0006762	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0007295	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE

EVM0010702	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0010916	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0011025	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0014259	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0014613	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0016195	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0017162	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0017995	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0019087	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0005951	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0007239	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0009193	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0009607	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0017831	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0001851	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0002691	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0005093	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0007595	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0015435	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0019530	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0021290	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0023055	LG4	TMV resistance protein N-lik	not DE	not DE	1.576034	0.02245
EVM0023537	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0017257	LG4	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0019941	LG4	TPR repeat-containing thio	not DE	not DE	not DE	not DE
EVM0020148	LG4	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0008185	LG4	U5 small nuclear ribonucleop	not DE	not DE	-1.12834	#####
EVM0020185	LG4	UDP-glucose flavonoid 3-0-gl	not DE	not DE	not DE	not DE
EVM0012563	LG4	UDP-glucuronate:xylan alpha-	not DE	not DE	not DE	not DE
EVM0006117	LG4	UDP-glycosyltransferase 85A2	not DE	not DE	not DE	not DE
EVM0006412	LG4	UPF0496 protein Atlg20180-li	not DE	not DE	not DE	not DE
EVM0011993	LG4	UPF0695 membrane protein YPL	not DE	not DE	not DE	not DE
EVM0016341	LG4	V-type proton ATPase subunit	not DE	not DE	not DE	not DE
EVM0018788	LG4	V-type proton ATPase subunit	not DE	not DE	not DE	not DE
EVM0022136	LG4	WAT1-related protein Atlg218	not DE	not DE	not DE	not DE
EVM0016742	LG4	WAT1-related protein At4g082	not DE	not DE	not DE	not DE
EVM0013817	LG4	WD repeat-containing protein	1.112218	0.009308	not DE	not DE
EVM0023769	LG4	WEB family protein Atlg75720	not DE	not DE	not DE	not DE
EVM0006695	LG4	XIAP-associated factor 1-lik	not DE	not DE	not DE	not DE
EVM0000933	LG4	abscisic acid 8&apos;-hydrox	not DE	not DE	not DE	not DE
EVM0003247	LG4	abscisic acid 8&apos;-hydrox	not DE	not DE	not DE	not DE
EVM0006551	LG4	activating signal cointegrat	not DE	not DE	not DE	not DE
EVM0014466	LG4	acyl-CoA-binding domain-cont	not DE	not DE	not DE	not DE
EVM0005592	LG4	adenylate kinase 2, chloropl	not DE	not DE	not DE	not DE
EVM0016738	LG4	agamous-like MADS-box protei	not DE	not DE	not DE	not DE
EVM0001294	LG4	agamous-like MADS-box protei	not DE	not DE	not DE	not DE
EVM0014206	LG4	alcohol dehydrogenase-like	not DE	not DE	not DE	not DE
EVM0003140	LG4	alkaline/neutral invertase C	not DE	not DE	not DE	not DE
EVM0007087	LG4	alkaline/neutral invertase C	not DE	not DE	not DE	not DE
EVM0007819	LG4	alpha-(1,4)-fucosyltransfera	not DE	not DE	not DE	not DE
EVM0017264	LG4	alpha-(1,4)-fucosyltransfera	not DE	not DE	not DE	not DE
EVM0017120	LG4	alpha-glucan water dikinase	-1.36442	0.041633	not DE	not DE
EVM0004646	LG4	amino acid permease 8-like i	not DE	not DE	not DE	not DE
EVM0022861	LG4	aminoacylase-1-like	not DE	not DE	not DE	not DE

EVM0013153	LG4	aquaporin NIP1-1-like	not DE	not DE	not DE	not DE
EVM0003312	LG4	argininosuccinate lyase, chl	not DE	not DE	not DE	not DE
EVM0003088	LG4	aspartic proteinase Asp1-like	not DE	not DE	not DE	not DE
EVM0016388	LG4	auxilin-like protein 1-like	not DE	not DE	not DE	not DE
EVM0002013	LG4	auxin-responsive protein IAA	not DE	not DE	not DE	not DE
EVM0002988	LG4	beta-galactosidase 16-like i	not DE	not DE	not DE	not DE
EVM0008421	LG4	bifunctional aspartokinase/h	not DE	not DE	not DE	not DE
EVM0022641	LG4	branched-chain-amino-acid am	not DE	not DE	not DE	not DE
EVM0020642	LG4	calcium-binding protein CML3	not DE	not DE	not DE	not DE
EVM0018937	LG4	calcium-dependent protein ki	-1.72096	0.000239	not DE	not DE
EVM0023734	LG4	calcium-transporting ATPase	not DE	not DE	not DE	not DE
EVM0011390	LG4	calcium-transporting ATPase	not DE	not DE	not DE	not DE
EVM0008487	LG4	calvin cycle protein CP12-3,	not DE	not DE	not DE	not DE
EVM0010217	LG4	carboxypeptidase D-like isof	not DE	not DE	not DE	not DE
EVM0005632	LG4	casbene synthase, chloroplas	not DE	not DE	not DE	not DE
EVM0010632	LG4	casbene synthase, chloroplas	not DE	not DE	not DE	not DE
EVM0000740	LG4	centromere-associated protei	1.493751	0.005049	not DE	not DE
EVM0011739	LG4	chaperone protein dnaJ 1, mi	not DE	not DE	not DE	not DE
EVM0009423	LG4	chlorophyll a-b binding prot	not DE	not DE	not DE	not DE
EVM0022624	LG4	chlorophyllide a oxygenase,	not DE	not DE	not DE	not DE
EVM0004364	LG4	chromosome-associated kinesin	not DE	not DE	not DE	not DE
EVM0000055	LG4	chromosome-associated kinesin	not DE	not DE	not DE	not DE
EVM0021555	LG4	cirhin-like	not DE	not DE	not DE	not DE
EVM0023125	LG4	citrate-binding protein-like	not DE	not DE	not DE	not DE
EVM0020553	LG4	classical arabinogalactan pr	not DE	not DE	not DE	not DE
EVM0023628	LG4	cyclin-A1-1-like	not DE	not DE	not DE	not DE
EVM0017996	LG4	cyclin-B2-4-like	not DE	not DE	not DE	not DE
EVM0002412	LG4	cysteine proteinase 15A-like	not DE	not DE	not DE	not DE
EVM0002911	LG4	cysteine proteinase 15A-like	not DE	not DE	not DE	not DE
EVM0002102	LG4	cysteine proteinase RD21a-li	1.952948	0.018768	not DE	not DE
EVM0002613	LG4	cytochrome P450 734A1-like	not DE	not DE	not DE	not DE
EVM0015756	LG4	cytochrome P450 734A1-like	not DE	not DE	not DE	not DE
EVM0013482	LG4	cytochrome P450 78A7-like	not DE	not DE	not DE	not DE
EVM0022576	LG4	cytochrome P450 81D1-like	not DE	not DE	not DE	not DE
EVM0022826	LG4	cytochrome P450 81D1-like	not DE	not DE	not DE	not DE
EVM0018951	LG4	cytochrome P450 81E8-like	not DE	not DE	not DE	not DE
EVM0019495	LG4	cytochrome P450 81E8-like	not DE	not DE	not DE	not DE
EVM0007474	LG4	cytochrome P450 82A3-like	not DE	not DE	not DE	not DE
EVM0023191	LG4	cytochrome P450 82C4-like	not DE	not DE	not DE	not DE
EVM0012027	LG4	cytochrome b-c1 complex subu	not DE	not DE	1.220713	0.00053
EVM0018805	LG4	cytochrome b5	not DE	not DE	not DE	not DE
EVM0023927	LG4	cytokinin dehydrogenase 5-li	not DE	not DE	not DE	not DE
EVM0020813	LG4	cytoplasmic tRNA 2-thiolatio	not DE	not DE	not DE	not DE
EVM0017990	LG4	d-3-phosphoglycerate dehydro	not DE	not DE	not DE	not DE
EVM0015453	LG4	deSI-like protein At4g17486	not DE	not DE	not DE	not DE
EVM0006523	LG4	dehydration-responsive eleme	not DE	not DE	not DE	not DE
EVM0021776	LG4	dihydrolipoyllysine-residue	not DE	not DE	not DE	not DE
EVM0001918	LG4	dipeptidyl-peptidase 5-like	not DE	not DE	not DE	not DE
EVM0010961	LG4	dnaJ-related protein SCJ1-li	not DE	not DE	1.084421	#####
EVM0022033	LG4	dolichyl-diphosphooligosacch	not DE	not DE	not DE	not DE
EVM0017143	LG4	dynamamin-2B-like isoform X2	not DE	not DE	not DE	not DE
EVM0009453	LG4	egg cell-secreted protein 1.	not DE	not DE	not DE	not DE
EVM0006006	LG4	elongation of fatty acids pro	not DE	not DE	not DE	not DE
EVM0013433	LG4	embryogenesis-associated pro	not DE	not DE	not DE	not DE

EVM0007033	LG4	endoplasmic reticulum-Golgi	not DE	not DE	not DE	not DE
EVM0017015	LG4	endoplasmin homolog	-3.79816	1.04E-09	-3.03969	#####
EVM0022108	LG4	ent-kaurene oxidase, chlorop	not DE	not DE	not DE	not DE
EVM0020423	LG4	ergosterol biosynthetic prot	not DE	not DE	not DE	not DE
EVM0012018	LG4	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0012620	LG4	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0010492	LG4	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0013648	LG4	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0023237	LG4	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0023269	LG4	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0004634	LG4	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0012951	LG4	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0005850	LG4	ethylene-responsive transcri	4.535293	2.71E-06	not DE	not DE
EVM0008062	LG4	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0007352	LG4	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0000174	LG4	eukaryotic translation initi	not DE	not DE	not DE	not DE
EVM0013990	LG4	eukaryotic translation initi	not DE	not DE	not DE	not DE
EVM0021921	LG4	eukaryotic translation initi	not DE	not DE	not DE	not DE
EVM0013701	LG4	eukaryotic translation initi	not DE	not DE	not DE	not DE
EVM0002109	LG4	exocyst complex component EX	not DE	not DE	not DE	not DE
EVM0003493	LG4	exocyst complex component SE	-1.39086	0.044117	-1.35593	0.0036
EVM0008399	LG4	exocyst complex component SE	not DE	not DE	not DE	not DE
EVM0017882	LG4	exocyst complex component SE	not DE	not DE	not DE	not DE
EVM0009075	LG4	expansin-All	not DE	not DE	not DE	not DE
EVM0010083	LG4	far upstream element-binding	not DE	not DE	not DE	not DE
EVM0000635	LG4	filament-like plant protein	not DE	not DE	not DE	not DE
EVM0020628	LG4	filament-like plant protein-	not DE	not DE	not DE	not DE
EVM0020969	LG4	filament-like plant protein-	not DE	not DE	not DE	not DE
EVM0003081	LG4	flocculation protein FL011-l	1.227859	0.018656	not DE	not DE
EVM0014796	LG4	flowering-promoting factor l	not DE	not DE	not DE	not DE
EVM0001799	LG4	general transcription factor	not DE	not DE	not DE	not DE
EVM0002027	LG4	gibberellin-regulated protei	-1.93928	0.039984	-1.82157	0.02575
EVM0014057	LG4	glutamate receptor 3.3-like	not DE	not DE	not DE	not DE
EVM0020837	LG4	glutamic acid-rich protein-l	not DE	not DE	not DE	not DE
EVM0016061	LG4	glyceraldehyde-3-phosphate d	-2.05212	0.024515	not DE	not DE
EVM0019430	LG4	guanine nucleotide-binding p	not DE	not DE	not DE	not DE
EVM0020640	LG4	high mobility group B protei	not DE	not DE	not DE	not DE
EVM0008838	LG4	histone-lysine N-methyltrans	not DE	not DE	not DE	not DE
EVM0007731	LG4	histone-lysine N-methyltrans	not DE	not DE	not DE	not DE
EVM0004558	LG4	homogentisate phytyltransfer	not DE	not DE	not DE	not DE
EVM0002335	LG4	hydroquinone glucosyltransfe	not DE	not DE	not DE	not DE
EVM0009937	LG4	hydroquinone glucosyltransfe	not DE	not DE	not DE	not DE
EVM0002831	LG4	inactive protein kinase SELM	not DE	not DE	not DE	not DE
EVM0000274	LG4	inositol-pentakisphosphate 2	-1.07669	0.000617	not DE	not DE
EVM0010897	LG4	interferon-related developme	not DE	not DE	not DE	not DE
EVM0010445	LG4	isoamylase 3, chloroplastic-	not DE	not DE	not DE	not DE
EVM0024242	LG4	isoflavone reductase-like pr	not DE	not DE	not DE	not DE
EVM0009555	LG4	jasmonate O-methyltransferas	not DE	not DE	not DE	not DE
EVM0022799	LG4	keratin, type II cytoskeleta	not DE	not DE	not DE	not DE
EVM0014510	LG4	kinesin-like calmodulin-bind	not DE	not DE	not DE	not DE
EVM0019641	LG4	kinesin-like calmodulin-bind	not DE	not DE	not DE	not DE
EVM0019766	LG4	laccase-14-like	not DE	not DE	not DE	not DE
EVM0004236	LG4	low affinity sulfate transpo	not DE	not DE	not DE	not DE
EVM0011277	LG4	low-temperature-induced cyst	not DE	not DE	not DE	not DE



EVM0020904	LG4	lysine histidine transporter	not DE	not DE	not DE	not DE
EVM0011476	LG4	lysophospholipid acyltransferase	not DE	not DE	not DE	not DE
EVM0002433	LG4	melanoma-associated antigen 1	not DE	not DE	not DE	not DE
EVM0004321	LG4	melanoma-associated antigen 1	not DE	not DE	not DE	not DE
EVM0008542	LG4	metal transporter Nramp2-like	not DE	not DE	not DE	not DE
EVM0014518	LG4	metal transporter Nramp5-like	not DE	not DE	not DE	not DE
EVM0014248	LG4	microtubule-associated protein 1	not DE	not DE	not DE	not DE
EVM0024257	LG4	mitochondrial protein import	not DE	not DE	not DE	not DE
EVM0006591	LG4	mitogen-activated protein kinase	not DE	not DE	not DE	not DE
EVM0016122	LG4	mitotic spindle checkpoint protein	not DE	not DE	2.644022	0.02817
EVM0008098	LG4	molybdopterin synthase sulfur	not DE	not DE	not DE	not DE
EVM0017204	LG4	monoacylglycerol lipase ABHD1	not DE	not DE	not DE	not DE
EVM0018271	LG4	monoacylglycerol lipase ABHD1	not DE	not DE	not DE	not DE
EVM0001813	LG4	myosin-11-like	not DE	not DE	not DE	not DE
EVM0016107	LG4	myosin-11-like	not DE	not DE	not DE	not DE
EVM0023804	LG4	non-lysosomal glucosylceramidase	not DE	not DE	not DE	not DE
EVM0002464	LG4	non-specific lipid-transfer protein	not DE	not DE	not DE	not DE
EVM0018763	LG4	nuA4 complex subunit EAF3 homolog	not DE	not DE	not DE	not DE
EVM0018963	LG4	nuA4 complex subunit EAF3 homolog	not DE	not DE	not DE	not DE
EVM0021726	LG4	oocyte element-binding factor 1	not DE	not DE	not DE	not DE
EVM0014296	LG4	oligopeptide transporter 4-like	not DE	not DE	not DE	not DE
EVM0024163	LG4	omega-hydroxypalmitate O-ferredoxin	not DE	not DE	not DE	not DE
EVM0008365	LG4	ornithine carbamoyltransferase	not DE	not DE	not DE	not DE
EVM0001981	LG4	ornithine decarboxylase-like	not DE	not DE	not DE	not DE
EVM0011069	LG4	ornithine decarboxylase-like	not DE	not DE	not DE	not DE
EVM0001581	LG4	outer envelope pore protein	not DE	not DE	not DE	not DE
EVM0017554	LG4	patatin-like protein 2	not DE	not DE	not DE	not DE
EVM0014669	LG4	patellin-2-like	not DE	not DE	not DE	not DE
EVM0007721	LG4	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0007877	LG4	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0012301	LG4	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0002270	LG4	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0014284	LG4	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0015122	LG4	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0012341	LG4	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0013239	LG4	pentatricopeptide repeat-containing	2.135717	0.01947	not DE	not DE
EVM0018854	LG4	pentatricopeptide repeat-containing	1.605257	0.001147	not DE	not DE
EVM0024211	LG4	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0011475	LG4	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0011633	LG4	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0013948	LG4	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0000414	LG4	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0021104	LG4	pentatricopeptide repeat-containing	1.707112	0.046892	not DE	not DE
EVM0024563	LG4	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0011012	LG4	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0000005	LG4	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0000785	LG4	periaxin-like	not DE	not DE	not DE	not DE
EVM0023935	LG4	periaxin-like	not DE	not DE	not DE	not DE
EVM0007389	LG4	peroxidase 64-like	not DE	not DE	not DE	not DE
EVM0021181	LG4	peroxidase 9	2.507548	0.011407	not DE	not DE
EVM0001513	LG4	pheophytinase, chloroplastic	not DE	not DE	not DE	not DE
EVM0004436	LG4	phosphatidylglycerol phosphatase	not DE	not DE	not DE	not DE
EVM0021151	LG4	phosphatidylinositol 4-phosphatase	not DE	not DE	not DE	not DE
EVM0023864	LG4	phosphoenolpyruvate carboxykinase	not DE	not DE	not DE	not DE

EVM0007168	LG4	phospholipase DDHD2-like isoform	not DE	not DE	not DE	not DE
EVM0018638	LG4	phosphopantothenate--cysteine ligase	not DE	not DE	not DE	not DE
EVM0022622	LG4	phosphoprotein ECPP44	not DE	not DE	not DE	not DE
EVM0003775	LG4	plastidial lipoyltransferase	not DE	not DE	not DE	not DE
EVM0013657	LG4	pleckstrin homology domain-containing protein	not DE	not DE	not DE	not DE
EVM0008778	LG4	polyadenylate-binding protein	not DE	not DE	not DE	not DE
EVM0013621	LG4	polypyrimidine tract-binding protein	not DE	not DE	not DE	not DE
EVM0000470	LG4	pre-rRNA-processing protein	not DE	not DE	not DE	not DE
EVM0010278	LG4	probable 26S proteasome non-ATPase subunit	not DE	not DE	not DE	not DE
EVM0004303	LG4	probable E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0019767	LG4	probable E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0024296	LG4	probable F-actin-capping protein	not DE	not DE	1.11801	0.00311
EVM0000312	LG4	probable L-type lectin-domain-containing protein	not DE	not DE	not DE	not DE
EVM0009247	LG4	probable MYST-like histone acetyltransferase	not DE	not DE	not DE	not DE
EVM0008449	LG4	probable VAMP-like protein A	not DE	not DE	not DE	not DE
EVM0013326	LG4	probable WRKY transcription factor	1.587748	0.022792	not DE	not DE
EVM0014850	LG4	probable acyl-activating enzyme	not DE	not DE	not DE	not DE
EVM0014778	LG4	probable alpha-amylase 2-like	not DE	not DE	not DE	not DE
EVM0003839	LG4	probable carbohydrate esterase	not DE	not DE	not DE	not DE
EVM0009531	LG4	probable carbohydrate esterase	not DE	not DE	not DE	not DE
EVM0016208	LG4	probable carboxylesterase 18	not DE	not DE	not DE	not DE
EVM0016974	LG4	probable carboxylesterase 18	not DE	not DE	not DE	not DE
EVM0018554	LG4	probable carboxylesterase 18	not DE	not DE	not DE	not DE
EVM0020543	LG4	probable carboxylesterase 18	not DE	not DE	not DE	not DE
EVM0022750	LG4	probable carboxylesterase 18	not DE	not DE	not DE	not DE
EVM0005774	LG4	probable diphthine synthase	not DE	not DE	not DE	not DE
EVM0002310	LG4	probable disease resistance protein	not DE	not DE	not DE	not DE
EVM0000136	LG4	probable helicase MAGATAMA 3	not DE	not DE	not DE	not DE
EVM0021059	LG4	probable inactive tRNA-specific aminoacyl-tRNA synthetase	not DE	not DE	not DE	not DE
EVM0003297	LG4	probable indole-3-pyruvate methyltransferase	not DE	not DE	not DE	not DE
EVM0013342	LG4	probable methyltransferase F	not DE	not DE	not DE	not DE
EVM0004169	LG4	probable pectin methyltransferase	not DE	not DE	not DE	not DE
EVM0010365	LG4	probable peptide/nitrate transporter	not DE	not DE	not DE	not DE
EVM0010373	LG4	probable peptide/nitrate transporter	not DE	not DE	not DE	not DE
EVM0020335	LG4	probable receptor-like protein	not DE	not DE	not DE	not DE
EVM0021652	LG4	probable receptor-like serine/threonine kinase	not DE	not DE	not DE	not DE
EVM0000222	LG4	probable serine/threonine-protein kinase	not DE	not DE	not DE	not DE
EVM0010872	LG4	probable serine/threonine-protein kinase	not DE	not DE	not DE	not DE
EVM0010622	LG4	probable strigolactone esterase	not DE	not DE	-1.36661	0.00017
EVM0000077	LG4	probable sucrose-phosphate synthase	2.088698	0.001489	1.24865	0.00289
EVM0004780	LG4	probable tRNA modification enzyme	not DE	not DE	not DE	not DE
EVM0023164	LG4	probable thylakoidal process	not DE	not DE	not DE	not DE
EVM0020542	LG4	probable transcription factor	not DE	not DE	not DE	not DE
EVM0007776	LG4	probable trehalose-phosphate synthase	not DE	not DE	not DE	not DE
EVM0013191	LG4	probable trehalose-phosphate synthase	not DE	not DE	not DE	not DE
EVM0017953	LG4	proline-rich receptor-like protein	not DE	not DE	not DE	not DE
EVM0016423	LG4	proline-rich receptor-like protein	not DE	not DE	not DE	not DE
EVM0007361	LG4	protein ASPARTIC PROTEASE INHIBITOR	not DE	not DE	not DE	not DE
EVM0000803	LG4	protein BRASSINAZOLE-RESISTANCE 1	not DE	not DE	not DE	not DE
EVM0014909	LG4	protein BRASSINAZOLE-RESISTANCE 1	not DE	not DE	not DE	not DE
EVM0008140	LG4	protein ECERIFERUM 1-like	not DE	not DE	not DE	not DE
EVM0000049	LG4	protein FAM135B-like	not DE	not DE	not DE	not DE
EVM0023845	LG4	protein FAM188A-like	not DE	not DE	not DE	not DE
EVM0020357	LG4	protein FAM206A-like isoform	1.207199	0.009229	not DE	not DE

EVM0003884	LG4	protein FAM91A1-like	not DE	not DE	not DE	not DE
EVM0024445	LG4	protein FAR1-RELATED SEQUENC	not DE	not DE	not DE	not DE
EVM0006549	LG4	protein IDA-LIKE 4-like	not DE	not DE	not DE	not DE
EVM0010240	LG4	protein IDA-LIKE 4-like	not DE	not DE	not DE	not DE
EVM0013560	LG4	protein IQ-DOMAIN 32-like	not DE	not DE	not DE	not DE
EVM0008689	LG4	protein MITOFERRINLIKE 1, ch	not DE	not DE	not DE	not DE
EVM0016392	LG4	protein MITOFERRINLIKE 1, ch	not DE	not DE	not DE	not DE
EVM0005562	LG4	protein NRT1/ PTR FAMILY 8.2	not DE	not DE	not DE	not DE
EVM0011235	LG4	protein OSB1, mitochondrial-	not DE	not DE	not DE	not DE
EVM0003822	LG4	protein RADIALIS-like 6-like	not DE	not DE	not DE	not DE
EVM0000847	LG4	protein RALF-like 9-like	not DE	not DE	not DE	not DE
EVM0001532	LG4	protein RALF-like 9-like	not DE	not DE	not DE	not DE
EVM0003788	LG4	protein RALF-like 9-like	not DE	not DE	not DE	not DE
EVM0011065	LG4	protein RALF-like 9-like	not DE	not DE	not DE	not DE
EVM0013585	LG4	protein RALF-like 9-like	not DE	not DE	not DE	not DE
EVM0013861	LG4	protein RALF-like 9-like	not DE	not DE	not DE	not DE
EVM0016412	LG4	protein RALF-like 9-like	not DE	not DE	not DE	not DE
EVM0004443	LG4	protein RER1B-like	not DE	not DE	not DE	not DE
EVM0001587	LG4	protein ROOT INITIATION DEFE	1.388895	0.041451	not DE	not DE
EVM0019117	LG4	protein ROOT INITIATION DEFE	not DE	not DE	not DE	not DE
EVM0005813	LG4	protein ROOT PRIMORDIUM DEFE	not DE	not DE	not DE	not DE
EVM0001011	LG4	protein S-acyltransferase 21	not DE	not DE	not DE	not DE
EVM0017353	LG4	protein SET DOMAIN GROUP 41-	not DE	not DE	not DE	not DE
EVM0011578	LG4	protein STICHEL-like 3	2.40706	0.001664	not DE	not DE
EVM0021319	LG4	protein SUPPRESSOR OF npr1-l	not DE	not DE	not DE	not DE
EVM0005282	LG4	protein TIC 20-I, chloroplas	not DE	not DE	not DE	not DE
EVM0024366	LG4	protein WEAK CHLOROPLAST MOV	not DE	not DE	not DE	not DE
EVM0009111	LG4	protein YLS7-like isoform X1	not DE	not DE	not DE	not DE
EVM0000468	LG4	protein canopy-1	not DE	not DE	not DE	not DE
EVM0006690	LG4	protein disulfide-isomerase	not DE	not DE	not DE	not DE
EVM0005441	LG4	protein disulfide-isomerase-	not DE	not DE	not DE	not DE
EVM0009285	LG4	protein disulfide-isomerase-	not DE	not DE	not DE	not DE
EVM0021832	LG4	protein enabled homolog	not DE	not DE	not DE	not DE
EVM0008723	LG4	protein translocase subunit	not DE	not DE	not DE	not DE
EVM0023369	LG4	protein-tyrosine-phosphatase	not DE	not DE	not DE	not DE
EVM0009471	LG4	putative B3 domain-containin	not DE	not DE	not DE	not DE
EVM0005675	LG4	putative DNA-binding protein	not DE	not DE	not DE	not DE
EVM0015003	LG4	putative DNA-binding protein	not DE	not DE	not DE	not DE
EVM0002487	LG4	putative E3 ubiquitin-protein	not DE	not DE	not DE	not DE
EVM0014817	LG4	putative GTP-binding protein	not DE	not DE	not DE	not DE
EVM0010524	LG4	putative disease resistance	not DE	not DE	not DE	not DE
EVM0005421	LG4	putative germin-like protein	not DE	not DE	not DE	not DE
EVM0018647	LG4	putative invertase inhibitor	not DE	not DE	not DE	not DE
EVM0015408	LG4	putative methylesterase 14,	not DE	not DE	not DE	not DE
EVM0016624	LG4	putative methyltransferase A	not DE	not DE	not DE	not DE
EVM0002877	LG4	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0017873	LG4	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0005425	LG4	putative pumilio homolog 7,	not DE	not DE	not DE	not DE
EVM0004421	LG4	putative receptor protein kin	not DE	not DE	not DE	not DE
EVM0017447	LG4	putative receptor protein kin	not DE	not DE	not DE	not DE
EVM0006096	LG4	putative wall-associated rec	not DE	not DE	not DE	not DE
EVM0023320	LG4	queuine tRNA-ribosyltransfer	not DE	not DE	not DE	not DE
EVM0018207	LG4	queuine tRNA-ribosyltransfer	not DE	not DE	not DE	not DE
EVM0019102	LG4	rac-like GTP-binding protein	not DE	not DE	not DE	not DE

EVM0006873	LG4	receptor protein kinase CLAV	not DE	not DE	not DE	not DE
EVM0012680	LG4	receptor protein kinase CLAV	not DE	not DE	not DE	not DE
EVM0019835	LG4	receptor protein kinase CLAV	not DE	not DE	not DE	not DE
EVM0003033	LG4	receptor-like protein kinase	not DE	not DE	not DE	not DE
EVM0009896	LG4	receptor-like protein kinase	not DE	not DE	not DE	not DE
EVM0011693	LG4	receptor-like protein kinase	not DE	not DE	not DE	not DE
EVM0015499	LG4	receptor-like protein kinase	not DE	not DE	not DE	not DE
EVM0004901	LG4	receptor-like serine/threoni	2.056189	0.027409	not DE	not DE
EVM0006275	LG4	replication factor C subunit	not DE	not DE	not DE	not DE
EVM0022530	LG4	replication factor C subunit	not DE	not DE	not DE	not DE
EVM0012860	LG4	replication factor C subunit	not DE	not DE	not DE	not DE
EVM0000861	LG4	reticuline oxidase-like	-1.31569	0.023697	not DE	not DE
EVM0013813	LG4	rhamnogalacturonate lyase B-	not DE	not DE	not DE	not DE
EVM0006155	LG4	rhamnogalacturonate lyase B-	-1.81093	5.03E-05	not DE	not DE
EVM0023718	LG4	rhamnogalacturonate lyase B-	not DE	not DE	not DE	not DE
EVM0017803	LG4	rho GTPase-activating protei	not DE	not DE	not DE	not DE
EVM0021627	LG4	ribosome maturation protein	not DE	not DE	not DE	not DE
EVM0013610	LG4	salicylate carboxymethyltran	not DE	not DE	not DE	not DE
EVM0006242	LG4	scarecrow-like protein 1-like	not DE	not DE	not DE	not DE
EVM0002533	LG4	scopoletin glucosyltransfera	2.346913	0.008826	not DE	not DE
EVM0008581	LG4	scopoletin glucosyltransfera	not DE	not DE	not DE	not DE
EVM0011271	LG4	serine carboxypeptidase-like	not DE	not DE	not DE	not DE
EVM0019619	LG4	serine hydroxymethyltransfer	not DE	not DE	not DE	not DE
EVM0024407	LG4	serine/arginine-rich splicing	not DE	not DE	not DE	not DE
EVM0017541	LG4	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0018935	LG4	serine/threonine-protein kin	-2.43862	0.00852	not DE	not DE
EVM0013493	LG4	serine/threonine-protein kin	not DE	not DE	-1.29638	0.00735
EVM0009646	LG4	serpin-ZX-like	not DE	not DE	not DE	not DE
EVM0024049	LG4	shikimate kinase 2, chloropl	not DE	not DE	not DE	not DE
EVM0024225	LG4	short-chain dehydrogenase/re	not DE	not DE	not DE	not DE
EVM0001703	LG4	single-stranded DNA-binding	not DE	not DE	not DE	not DE
EVM0008047	LG4	sister chromatid cohesion pr	not DE	not DE	not DE	not DE
EVM0006328	LG4	snakin-1-like	-1.62011	0.016801	not DE	not DE
EVM0018998	LG4	spindle assembly checkpoint	not DE	not DE	1.084949	0.014
EVM0022215	LG4	splicing factor U2af small s	-1.63273	2.88E-07	not DE	not DE
EVM0008537	LG4	squamosa promoter-binding-li	not DE	not DE	not DE	not DE
EVM0000046	LG4	sterol 3-beta-glucosyltransf	not DE	not DE	not DE	not DE
EVM0020014	LG4	subtilisin-like protease-like	not DE	not DE	not DE	not DE
EVM0001033	LG4	sucrose transport protein SU	not DE	not DE	not DE	not DE
EVM0009617	LG4	sucrose transport protein SU	not DE	not DE	not DE	not DE
EVM0011509	LG4	symplekin-like isoform X1	not DE	not DE	not DE	not DE
EVM0000909	LG4	synaptonemal complex protei	not DE	not DE	not DE	not DE
EVM0000381	LG4	synaptotagmin-2	not DE	not DE	not DE	not DE
EVM0011333	LG4	tRNA (adenine(58)-N(1))-meth	not DE	not DE	not DE	not DE
EVM0022843	LG4	target of Myb protein 1-like	not DE	not DE	not DE	not DE
EVM0012511	LG4	tetraspanin-10 isoform X1	not DE	not DE	not DE	not DE
EVM0007457	LG4	tetratricopeptide repeat pro	not DE	not DE	not DE	not DE
EVM0014849	LG4	tetratricopeptide repeat pro	not DE	not DE	not DE	not DE
EVM0018363	LG4	tetratricopeptide repeat pro	1.392798	0.027733	not DE	not DE
EVM0008461	LG4	thaumatin-like protein 1-like	not DE	not DE	not DE	not DE
EVM0015060	LG4	thioredoxin H-type-like	1.3052	0.04953	1.427952	0.00197
EVM0016200	LG4	thioredoxin H-type-like	not DE	not DE	not DE	not DE
EVM0017094	LG4	thioredoxin M-type, chloropl	not DE	not DE	not DE	not DE
EVM0012851	LG4	threonylcarbamoyladenosi	not DE	not DE	not DE	not DE

EVM0004879	LG4	transcription factor E2FC-li	not DE	not DE	not DE	not DE
EVM0020786	LG4	transcription factor HEC1	not DE	not DE	not DE	not DE
EVM0010647	LG4	transcription factor LHW-lik	-2.99077	0.024415	not DE	not DE
EVM0024537	LG4	transcription factor MYB39-1	not DE	not DE	not DE	not DE
EVM0006170	LG4	transcription factor MYB86-1	not DE	not DE	not DE	not DE
EVM0024231	LG4	transcription factor RLM1-li	not DE	not DE	not DE	not DE
EVM0015371	LG4	transcription factor SPATULA	not DE	not DE	not DE	not DE
EVM0021951	LG4	transcription factor bHLH143	not DE	not DE	not DE	not DE
EVM0010087	LG4	transcription factor bHLH96-	not DE	not DE	not DE	not DE
EVM0011546	LG4	transcription factor bHLH96-	not DE	not DE	not DE	not DE
EVM0002659	LG4	transcription initiation fac	not DE	not DE	not DE	not DE
EVM0024277	LG4	transcriptional regulator AT	not DE	not DE	not DE	not DE
EVM0006919	LG4	transmembrane protein 136	not DE	not DE	not DE	not DE
EVM0000672	LG4	transmembrane protein 147-li	not DE	not DE	not DE	not DE
EVM0000232	LG4	transmembrane protein 18-lik	not DE	not DE	not DE	not DE
EVM0003510	LG4	transmembrane protein 50 hom	not DE	not DE	not DE	not DE
EVM0018906	LG4	transport inhibitor response	not DE	not DE	not DE	not DE
EVM0009703	LG4	transposon Ty3-G Gag-Pol pol	not DE	not DE	not DE	not DE
EVM0004726	LG4	tubby-like F-box protein 8-l	not DE	not DE	not DE	not DE
EVM0012638	LG4	tubulin beta-6 chain-like	not DE	not DE	not DE	not DE
EVM0019907	LG4	type 1 phosphatases regulato	not DE	not DE	not DE	not DE
EVM0018226	LG4	type I inositol 1,4,5-trisph	not DE	not DE	not DE	not DE
EVM0002679	LG4	type I inositol 1,4,5-trisph	not DE	not DE	not DE	not DE
EVM0010093	LG4	type I inositol 1,4,5-trisph	not DE	not DE	not DE	not DE
EVM0001435	LG4	ubiquitin-fold modifier-conj	not DE	not DE	not DE	not DE
EVM0016171	LG4	uncharacterized J domain-con	not DE	not DE	not DE	not DE
EVM0019036	LG4	uncharacterized TPR repeat-c	not DE	not DE	not DE	not DE
EVM0008958	LG4	uncharacterized aarF domain-	not DE	not DE	not DE	not DE
EVM0019475	LG4	uncharacterized acetyltransf	not DE	not DE	not DE	not DE
EVM0004506	LG4	uncharacterized membrane pro	not DE	not DE	not DE	not DE
EVM0004163	LG4	uncharacterized methyltransf	-3.41004	1.76E-05	not DE	not DE
EVM0006121	LG4	uncharacterized methyltransf	1.36479	8.03E-06	not DE	not DE
EVM0004651	LG4	uncharacterized protein Atlg	not DE	not DE	not DE	not DE
EVM0015076	LG4	uncharacterized protein Atlg	not DE	not DE	not DE	not DE
EVM0007257	LG4	uncharacterized protein Atlg	-3.46447	0.030201	not DE	not DE
EVM0017344	LG4	uncharacterized protein Atlg	not DE	not DE	not DE	not DE
EVM0004457	LG4	uncharacterized protein At2g	-1.44278	0.000312	not DE	not DE
EVM0012403	LG4	uncharacterized protein At3g	not DE	not DE	not DE	not DE
EVM0014800	LG4	uncharacterized protein At4g	not DE	not DE	not DE	not DE
EVM0009970	LG4	uncharacterized protein At5g	not DE	not DE	not DE	not DE
EVM0010814	LG4	uncharacterized protein C6C3	not DE	not DE	not DE	not DE
EVM0007012	LG4	uncharacterized protein C6G9	not DE	not DE	not DE	not DE
EVM0008069	LG4	uncharacterized protein KIAA	not DE	not DE	not DE	not DE
EVM0017550	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014234	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003725	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007359	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004805	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023315	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000337	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009867	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011270	LG4	uncharacterized protein LOC1	not DE	not DE	1.263977	0.02363
EVM0020808	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017176	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE

EVM0023502	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002750	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005696	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011554	LG4	uncharacterized protein LOC1	not DE	not DE	-2.83565	0.01486
EVM0005467	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006294	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005363	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005678	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012842	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005689	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018316	LG4	uncharacterized protein LOC1	2.792323	0.001612	not DE	not DE
EVM0003594	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008193	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000527	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001518	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014478	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016969	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001247	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003340	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008485	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000983	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021778	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021879	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011919	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023658	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011753	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002283	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007482	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011660	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023686	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009869	LG4	uncharacterized protein LOC1	not DE	not DE	1.421814	0.00311
EVM0016174	LG4	uncharacterized protein LOC1	3.958807	1.14E-05	not DE	not DE
EVM0014272	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007969	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018411	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000877	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019693	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014785	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003522	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002550	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020300	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019679	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006769	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017086	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010991	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009276	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015446	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000462	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014706	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018309	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005861	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004424	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013076	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011130	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE

EVM0014505	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000586	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015563	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023394	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004862	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017754	LG4	uncharacterized protein LOC1	not DE	not DE	-1.00461	0.03789
EVM0016913	LG4	uncharacterized protein LOC1	1.226568	0.014033	1.611485	0.0011
EVM0015896	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004538	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005037	LG4	uncharacterized protein LOC1	not DE	not DE	1.9871	0.02163
EVM0006091	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022313	LG4	uncharacterized protein LOC1	not DE	not DE	-1.27087	#####
EVM0014159	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022652	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022724	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004101	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001786	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015740	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008733	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017792	LG4	uncharacterized protein LOC1	not DE	not DE	1.268103	#####
EVM0016598	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010585	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022439	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004067	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014734	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019090	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023335	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004121	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009372	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013977	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014460	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003318	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007902	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005734	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013481	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010867	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020903	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017321	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000633	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014263	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015648	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007334	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008596	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010134	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003155	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014508	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022365	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012800	LG4	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020407	LG4	uncharacterized protein ycf3	not DE	not DE	not DE	not DE
EVM0023609	LG4	uncharacterized protein ycf4	not DE	not DE	not DE	not DE
EVM0024418	LG4	uncharacterized serine-rich	not DE	not DE	not DE	not DE
EVM0023876	LG4	uroporphyrinogen-III synthase	not DE	not DE	not DE	not DE
EVM0014947	LG4	vacuolar iron transporter hcp	not DE	not DE	not DE	not DE
EVM0002299	LG4	vacuolar protein sorting-ass	not DE	not DE	not DE	not DE

EVM0022689	LG4	vacuolar protein sorting-ass	not DE	not DE	not DE	not DE
EVM0003708	LG4	vacuolar protein sorting-ass	not DE	not DE	not DE	not DE
EVM0002393	LG4	xylem cysteine proteinase 2-	not DE	not DE	not DE	not DE
EVM0003253	LG4	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0016568	LG4	zinc finger and BTB domain-c	not DE	not DE	not DE	not DE
EVM0005543	LG4	zinc finger protein NUTCRACK	not DE	not DE	not DE	not DE
EVM0013840	LG4	zinc-finger homeodomain prot	not DE	not DE	not DE	not DE
EVM0001150	LG4	1,6-rhamnosyltransferase	not DE	not DE	not DE	not DE
EVM0023986	LG4	14-3-3 protein	not DE	not DE	not DE	not DE
EVM0015017	LG4	3-hydroxy-3-methylglutaryl co	1.222054	0.031485	not DE	not DE
EVM0004025	LG4	3-isopropylmalate dehydratase	not DE	not DE	not DE	not DE
EVM0004640	LG4	40S ribosomal protein S18, pu	not DE	not DE	not DE	not DE
EVM0014747	LG4	ABC transporter G family memb	not DE	not DE	not DE	not DE
EVM0006963	LG4	ACT domain repeat 3 isoform l	not DE	not DE	not DE	not DE
EVM0009580	LG4	AMP dependent ligase, putativ	not DE	not DE	not DE	not DE
EVM0004681	LG4	AMP-dependent synthetase and	not DE	not DE	not DE	not DE
EVM0010587	LG4	AP2 domain-containing transcr	not DE	not DE	not DE	not DE
EVM0020270	LG4	AP2/B3-like transcriptional f	not DE	not DE	not DE	not DE
EVM0004933	LG4	AP2/B3-like transcriptional f	not DE	not DE	not DE	not DE
EVM0014527	LG4	APX	not DE	not DE	not DE	not DE
EVM0015605	LG4	APX	not DE	not DE	not DE	not DE
EVM0022713	LG4	ATP binding protein, putative	not DE	not DE	not DE	not DE
EVM0008432	LG4	Adenine nucleotide alpha hydr	not DE	not DE	not DE	not DE
EVM0002119	LG4	Alpha/beta-Hydrolases superf	not DE	not DE	not DE	not DE
EVM0004302	LG4	Alpha/beta-Hydrolases superf	not DE	not DE	not DE	not DE
EVM0015079	LG4	Amino acid permease 3 -like p	not DE	not DE	not DE	not DE
EVM0020451	LG4	Amino acid permease 3 -like p	not DE	not DE	not DE	not DE
EVM0002019	LG4	Amino acid permease 6	3.480222	4.11E-05	not DE	not DE
EVM0015494	LG4	Amino acid transporter	not DE	not DE	not DE	not DE
EVM0012783	LG4	Aminotransferase ybdL, putati	not DE	not DE	not DE	not DE
EVM0023926	LG4	BTB/POZ domain-containing fam	not DE	not DE	not DE	not DE
EVM0011429	LG4	Basic helix-loop-helix DNA-bi	not DE	not DE	not DE	not DE
EVM0001074	LG4	Basic leucine-zipper 4, putat	not DE	not DE	not DE	not DE
EVM0008499	LG4	Basic-leucine zipper transcri	not DE	not DE	not DE	not DE
EVM0018970	LG4	Beta HLH protein 93	not DE	not DE	not DE	not DE
EVM0015537	LG4	Blue copper protein precursor	not DE	not DE	not DE	not DE
EVM0016621	LG4	BnaA10g21850D	not DE	not DE	not DE	not DE
EVM0015468	LG4	BnaC04g37990D	not DE	not DE	not DE	not DE
EVM0002855	LG4	Branched-chain amino acid ami	not DE	not DE	not DE	not DE
EVM0011352	LG4	C2H2 and C2HC zinc fingers su	not DE	not DE	not DE	not DE
EVM0022145	LG4	CBL-interacting protein kinas	not DE	not DE	not DE	not DE
EVM0001537	LG4	Calcium-binding EF-hand famil	not DE	not DE	not DE	not DE
EVM0003141	LG4	Calcium-binding EF-hand famil	not DE	not DE	not DE	not DE
EVM0007679	LG4	Calcium-binding EF-hand famil	not DE	not DE	1.528131	0.02245
EVM0017564	LG4	Calcium-binding EF-hand famil	not DE	not DE	not DE	not DE
EVM0013908	LG4	Calcium-dependent lipid-bindi	not DE	not DE	not DE	not DE
EVM0001280	LG4	Calmodulin like 37, putative	not DE	not DE	not DE	not DE
EVM0017335	LG4	Calmodulin like 37, putative	not DE	not DE	not DE	not DE
EVM0003517	LG4	Calmodulin-like 41, putative	not DE	not DE	not DE	not DE
EVM0013086	LG4	Calmodulin-like 41, putative	not DE	not DE	not DE	not DE
EVM0006810	LG4	Carbon catabolite repressor p	not DE	not DE	not DE	not DE
EVM0012633	LG4	Cellulose synthase 6	not DE	not DE	not DE	not DE
EVM0002582	LG4	ChaC-like family protein isof	not DE	not DE	not DE	not DE
EVM0022058	LG4	Chaperone DnaJ-domain superf	not DE	not DE	not DE	not DE



EVM0012696	LG4	Chaperone DnaJ-domain superfamily	not DE	not DE	not DE	not DE
EVM0018349	LG4	Cupredoxin superfamily protein	not DE	not DE	not DE	not DE
EVM0010597	LG4	Cyclin-D3-1 -like protein	not DE	not DE	not DE	not DE
EVM0011976	LG4	Cysteine proteinases superfamily	2.486616	1.83E-06	1.431178	0.00299
EVM0020030	LG4	Cysteine proteinases superfamily	not DE	not DE	-1.41892	#####
EVM0013871	LG4	Cytochrome B5, n3, ATCB5-D, CB5	not DE	not DE	1.570939	0.00037
EVM0000278	LG4	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0001612	LG4	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0002076	LG4	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0002173	LG4	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0004126	LG4	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0005871	LG4	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0009209	LG4	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0017084	LG4	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0022786	LG4	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0023691	LG4	Cytochrome P450 82A3, putative	not DE	not DE	not DE	not DE
EVM0012864	LG4	Cytochrome P450, putative	not DE	not DE	not DE	not DE
EVM0007372	LG4	D5-type cyclin, putative	not DE	not DE	not DE	not DE
EVM0021928	LG4	DNA polymerase epsilon catalytic	not DE	not DE	not DE	not DE
EVM0000559	LG4	DNA/RNA polymerases superfamily	not DE	not DE	not DE	not DE
EVM0011423	LG4	DNA/RNA polymerases superfamily	not DE	not DE	not DE	not DE
EVM0021798	LG4	DNA/RNA polymerases superfamily	not DE	not DE	not DE	not DE
EVM0011144	LG4	E3 ubiquitin-protein ligase A	1.810893	0.028054	not DE	not DE
EVM0012013	LG4	EF hand calcium-binding family	not DE	not DE	not DE	not DE
EVM0013288	LG4	EG isoform 2	not DE	not DE	not DE	not DE
EVM0012087	LG4	Eukaryotic aspartyl protease	not DE	not DE	not DE	not DE
EVM0013184	LG4	Eukaryotic aspartyl protease	not DE	not DE	not DE	not DE
EVM0007025	LG4	Exocyst complex component sec15	not DE	not DE	not DE	not DE
EVM0015595	LG4	Exocyst complex component sec15	not DE	not DE	not DE	not DE
EVM0010448	LG4	Exostosin family protein	not DE	not DE	not DE	not DE
EVM0007336	LG4	Exostosin family protein isoform 1	-3.89126	0.002047	not DE	not DE
EVM0019120	LG4	Exostosin family protein isoform 2	not DE	not DE	not DE	not DE
EVM0017622	LG4	F-box and wd40 domain protein	not DE	not DE	not DE	not DE
EVM0021226	LG4	F-box family protein	not DE	not DE	not DE	not DE
EVM0021263	LG4	F-box family protein, putative	not DE	not DE	not DE	not DE
EVM0001235	LG4	F-box protein 7	not DE	not DE	not DE	not DE
EVM0017738	LG4	FAD-binding domain-containing	not DE	not DE	not DE	not DE
EVM0005881	LG4	FKBP-type peptidyl-prolyl cis-trans	-1.30915	0.018481	not DE	not DE
EVM0007507	LG4	Flavone synthase II, putative	not DE	not DE	not DE	not DE
EVM0015265	LG4	Formin-like protein 18	not DE	not DE	not DE	not DE
EVM0001909	LG4	FtsH extracellular protease family	not DE	not DE	not DE	not DE
EVM0000199	LG4	GRAS family transcription factor	not DE	not DE	not DE	not DE
EVM0014262	LG4	GRAS family transcription factor	not DE	not DE	not DE	not DE
EVM0003543	LG4	Galactosyltransferase family	not DE	not DE	not DE	not DE
EVM0012666	LG4	General regulatory factor 8, putative	not DE	not DE	not DE	not DE
EVM0007994	LG4	Glucan endo-1,3-beta-glucosidase	not DE	not DE	not DE	not DE
EVM0014236	LG4	Glutamate-gated kainate-type receptor	not DE	not DE	not DE	not DE
EVM0022619	LG4	Glutathione S-transferase F8, putative	not DE	not DE	not DE	not DE
EVM0004351	LG4	Glycosyl hydrolase superfamily	not DE	not DE	1.391046	#####
EVM0022345	LG4	Glyoxal oxidase-related protein	not DE	not DE	not DE	not DE
EVM0008693	LG4	GroES-like zinc-binding dehydrogenase	not DE	not DE	not DE	not DE
EVM0010974	LG4	GroES-like zinc-binding dehydrogenase	not DE	not DE	not DE	not DE
EVM0004330	LG4	Growth-regulating factor 1	not DE	not DE	not DE	not DE
EVM0005400	LG4	HD domain class transcription factor	not DE	not DE	not DE	not DE

EVM0008767	LG4	HXXXD-type acyl-transferase f	not DE	not DE	not DE	not DE
EVM0019476	LG4	Heat stress transcription fac	not DE	not DE	not DE	not DE
EVM0016884	LG4	Homeobox protein 33 isoform l	not DE	not DE	not DE	not DE
EVM0002396	LG4	IAA-amino acid hydrolase ILR1	not DE	not DE	not DE	not DE
EVM0024645	LG4	Inositol 1,3,4-trisphosphate	not DE	not DE	not DE	not DE
EVM0022422	LG4	Integrase-type DNA-binding su	not DE	not DE	not DE	not DE
EVM0007949	LG4	Iron(III)-zinc(II) purple aci	2.389519	0.021828	2.247336	#####
EVM0001564	LG4	JHL18I08.10	not DE	not DE	not DE	not DE
EVM0000930	LG4	JHL18I08.13	not DE	not DE	not DE	not DE
EVM0011217	LG4	JHL18I08.9	not DE	not DE	1.110451	0.03237
EVM0000234	LG4	JHL20J20.8 protein	not DE	not DE	not DE	not DE
EVM0003911	LG4	K-box region and MADS-box tra	not DE	not DE	not DE	not DE
EVM0004448	LG4	K-box region and MADS-box tra	-5.93639	4.43E-16	not DE	not DE
EVM0015646	LG4	KNOTTED-like from	not DE	not DE	not DE	not DE
EVM0006013	LG4	Keratinocyte-associated prote	not DE	not DE	not DE	not DE
EVM0004149	LG4	Kinase superfamily protein	not DE	not DE	not DE	not DE
EVM0018220	LG4	Kinase superfamily protein	not DE	not DE	not DE	not DE
EVM0021172	LG4	L-ascorbate peroxidase T isof	not DE	not DE	not DE	not DE
EVM0007410	LG4	LRR and NB-ARC domains-contain	not DE	not DE	not DE	not DE
EVM0008826	LG4	LRR receptor-like serine/thre	not DE	not DE	not DE	not DE
EVM0010996	LG4	Late embryogenesis abundant p	not DE	not DE	not DE	not DE
EVM0016001	LG4	Leucine-rich repeat (LRR) fam	not DE	not DE	not DE	not DE
EVM0022263	LG4	Leucine-rich repeat family pr	not DE	not DE	not DE	not DE
EVM0011909	LG4	Leucine-rich repeat protein k	not DE	not DE	not DE	not DE
EVM0000290	LG4	Lysine decarboxylase family p	not DE	not DE	not DE	not DE
EVM0006959	LG4	MADS box protein 1	not DE	not DE	not DE	not DE
EVM0012115	LG4	MADS domain transcription fac	not DE	not DE	not DE	not DE
EVM0018234	LG4	MLO-like protein 1	not DE	not DE	not DE	not DE
EVM0006536	LG4	MUTL isoform 1	not DE	not DE	not DE	not DE
EVM0016180	LG4	MUTL isoform 1	not DE	not DE	not DE	not DE
EVM0001601	LG4	MYB1	not DE	not DE	not DE	not DE
EVM0020954	LG4	MYB1	not DE	not DE	not DE	not DE
EVM0002581	LG4	Maf-like protein isoform 2	not DE	not DE	not DE	not DE
EVM0004300	LG4	Major facilitator superfamily	1.198039	0.022494	not DE	not DE
EVM0016667	LG4	Major facilitator superfamily	-2.5899	0.012049	not DE	not DE
EVM0018206	LG4	Mechanosensitive ion channel	not DE	not DE	not DE	not DE
EVM0009890	LG4	Mediator of RNA polymerase II	not DE	not DE	not DE	not DE
EVM0007859	LG4	Membrane-anchored ubiquitin-f	not DE	not DE	not DE	not DE
EVM0022985	LG4	Mog1/PsbP/DUF1795-like photos	not DE	not DE	not DE	not DE
EVM0012877	LG4	Mov34/MPN/PAD-1 family protei	not DE	not DE	not DE	not DE
EVM0019643	LG4	Myb domain protein 84	not DE	not DE	not DE	not DE
EVM0010443	LG4	N-terminal nucleophile aminoh	not DE	not DE	not DE	not DE
EVM0013699	LG4	NADH-ubiquinone oxidoreductas	not DE	not DE	not DE	not DE
EVM0019583	LG4	NB-ARC domain-containing dise	not DE	not DE	not DE	not DE
EVM0005744	LG4	Nbs-llr resistance protein, p	1.105468	2.01E-06	not DE	not DE
EVM0007562	LG4	Nucleotide-diphospho-sugar tr	not DE	not DE	not DE	not DE
EVM0012937	LG4	Nucleotide-diphospho-sugar tr	not DE	not DE	not DE	not DE
EVM0007917	LG4	Nucleotide-sugar transporter	not DE	not DE	not DE	not DE
EVM0013388	LG4	Ovate family protein 8, putat	not DE	not DE	not DE	not DE
EVM0003918	LG4	Papain family cysteine protea	-3.3116	0.00066	not DE	not DE
EVM0014317	LG4	Papain family cysteine protea	not DE	not DE	not DE	not DE
EVM0000508	LG4	Peroxisomal membrane protein	not DE	not DE	not DE	not DE
EVM0012129	LG4	Phosphatase 2C family protein	not DE	not DE	not DE	not DE
EVM0015170	LG4	Phosphatase methylesterase 1	not DE	not DE	not DE	not DE

EVM0003782	LG4	Phosphate transporter 1,9	not DE	not DE	not DE	not DE
EVM0018337	LG4	Phosphate-responsive 1 family	not DE	not DE	not DE	not DE
EVM0002475	LG4	Phospholipase A21	not DE	not DE	not DE	not DE
EVM0013600	LG4	Photosystem II 22 kDa protein	not DE	not DE	not DE	not DE
EVM0004774	LG4	Photosystem II reaction center	-1.51725	0.004426	not DE	not DE
EVM0019272	LG4	Plant neutral invertase family	not DE	not DE	not DE	not DE
EVM0003188	LG4	Plastid movement impaired1	not DE	not DE	not DE	not DE
EVM0023121	LG4	Plastocyanin A, chloroplast p	-3.02372	1.87E-06	not DE	not DE
EVM0009526	LG4	Polynucleotidyl transferase,	not DE	not DE	not DE	not DE
EVM0022236	LG4	Pre-mRNA-processing protein 4	not DE	not DE	not DE	not DE
EVM0019208	LG4	Protein P1-P2	not DE	not DE	not DE	not DE
EVM0003337	LG4	Purine permease 3	not DE	not DE	not DE	not DE
EVM0006463	LG4	Purine permease 3	2.149663	0.005054	not DE	not DE
EVM0010397	LG4	Purine permease 3	not DE	not DE	not DE	not DE
EVM0020243	LG4	Purine permease 3	not DE	not DE	not DE	not DE
EVM0006928	LG4	Pyridoxal phosphate (PLP)-dep	not DE	not DE	not DE	not DE
EVM0004961	LG4	Pyridoxal-dependent decarboxy	not DE	not DE	not DE	not DE
EVM0011221	LG4	Pyrophosphate--fructose 6-pho	not DE	not DE	not DE	not DE
EVM0012457	LG4	Queuine tRNA-ribosyltransfera	not DE	not DE	not DE	not DE
EVM0012321	LG4	RING finger protein	not DE	not DE	1.167065	0.01862
EVM0024664	LG4	RING finger protein	not DE	not DE	not DE	not DE
EVM0012496	LG4	RING/FYVE/PHD-type zinc finge	not DE	not DE	not DE	not DE
EVM0017024	LG4	RING/U-box superfamily protei	not DE	not DE	-1.18535	0.00677
EVM0010432	LG4	RNA-binding family protein is	not DE	not DE	not DE	not DE
EVM0010707	LG4	RNA-binding family protein, p	not DE	not DE	not DE	not DE
EVM0007989	LG4	RNI-like superfamily protein	not DE	not DE	not DE	not DE
EVM0004560	LG4	Ralf-like 34, putative	not DE	not DE	not DE	not DE
EVM0014327	LG4	Ralf-like 34, putative	not DE	not DE	not DE	not DE
EVM0016767	LG4	Ras-related protein Rab-18	not DE	not DE	not DE	not DE
EVM0019569	LG4	Rhamnogalacturonate lyase	not DE	not DE	not DE	not DE
EVM0012445	LG4	Ribosomal L18p/L5e family pro	not DE	not DE	not DE	not DE
EVM0021037	LG4	Ribosomal L18p/L5e family pro	not DE	not DE	not DE	not DE
EVM0012605	LG4	Root hair defective 6-like 2,	not DE	not DE	not DE	not DE
EVM0013445	LG4	S-adenosyl-L-methionine-depen	not DE	not DE	not DE	not DE
EVM0012904	LG4	SAUR family protein	not DE	not DE	not DE	not DE
EVM0009336	LG4	SAUR-like auxin-responsive pr	not DE	not DE	not DE	not DE
EVM0013882	LG4	SBP family protein, putative	not DE	not DE	not DE	not DE
EVM0012229	LG4	SKU5 similar 18	not DE	not DE	not DE	not DE
EVM0016409	LG4	Salt tolerance 2, putative is	not DE	not DE	not DE	not DE
EVM0001188	LG4	Sec14p-like phosphatidylinosi	not DE	not DE	not DE	not DE
EVM0006639	LG4	Serine carboxypeptidase-like	not DE	not DE	not DE	not DE
EVM0010303	LG4	Serine--tRNA ligase	not DE	not DE	not DE	not DE
EVM0000288	LG4	Squalene monooxygenase isofor	not DE	not DE	not DE	not DE
EVM0020902	LG4	Structural constituent of rib	not DE	not DE	not DE	not DE
EVM0023866	LG4	Structural constituent of rib	not DE	not DE	not DE	not DE
EVM0002004	LG4	Sucrose transport SUC2 -like	not DE	not DE	not DE	not DE
EVM0020112	LG4	Sucrose-proton symporter 2 is	not DE	not DE	not DE	not DE
EVM0005284	LG4	TCP family transcription fact	not DE	not DE	1.99314	0.00015
EVM0023149	LG4	TCP family transcription fact	not DE	not DE	not DE	not DE
EVM0009018	LG4	TMV resistance protein N	not DE	not DE	not DE	not DE
EVM0012146	LG4	TMV resistance protein N	not DE	not DE	not DE	not DE
EVM0015351	LG4	TMV resistance protein N	not DE	not DE	not DE	not DE
EVM0018986	LG4	Tetratricopeptide repeat supe	not DE	not DE	not DE	not DE
EVM0005771	LG4	Tonoplast monosaccharide tran	not DE	not DE	not DE	not DE

EVM0005275	LG4	Transmembrane amino acid tran	not DE	not DE	not DE	not DE
EVM0012049	LG4	Transmembrane and coiled-coil	not DE	not DE	not DE	not DE
EVM0021117	LG4	Transportin 1 isoform 1	not DE	not DE	-1.06575	#####
EVM0016510	LG4	UDP-glycosyltransferase 73B4,	not DE	not DE	not DE	not DE
EVM0002227	LG4	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0019586	LG4	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0022992	LG4	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0010125	LG4	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0014523	LG4	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0013569	LG4	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0023009	LG4	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0023756	LG4	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0002525	LG4	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0000771	LG4	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0005460	LG4	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0022940	LG4	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0001255	LG4	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0021224	LG4	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0023214	LG4	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0019337	LG4	Uncharacterized protein TCM_C	-2.15981	0.024024	not DE	not DE
EVM0012193	LG4	Uncharacterized protein isofc	not DE	not DE	not DE	not DE
EVM0023869	LG4	Uncharacterized protein isofc	not DE	not DE	not DE	not DE
EVM0002042	LG4	Uncharacterized protein isofc	not DE	not DE	not DE	not DE
EVM0000210	LG4	VQ motif-containing protein,	not DE	not DE	not DE	not DE
EVM0008964	LG4	VQ motif-containing protein,	not DE	not DE	not DE	not DE
EVM0012136	LG4	VQ motif-containing protein,	not DE	not DE	-1.21499	0.00713
EVM0002093	LG4	Vacuolar protein sorting 45	not DE	not DE	not DE	not DE
EVM0020077	LG4	Xanthine/uracil permease fami	not DE	not DE	not DE	not DE
EVM0011978	LG4	abscisic acid senescence and	not DE	not DE	not DE	not DE
EVM0019954	LG4	abscisic acid senescence and	not DE	not DE	not DE	not DE
EVM0017776	LG4	abscisic acid-insensitive 5-l	not DE	not DE	not DE	not DE
EVM0020738	LG4	allene oxide synthase	not DE	not DE	not DE	not DE
EVM0000325	LG4	alpha tubulin 1	not DE	not DE	not DE	not DE
EVM0000648	LG4	auxin influx carrier protein	not DE	not DE	not DE	not DE
EVM0022128	LG4	auxin response factor	1.429845	0.000329	not DE	not DE
EVM0003661	LG4	basic cellulase precursor	not DE	not DE	not DE	not DE
EVM0009422	LG4	basic cellulase precursor	not DE	not DE	not DE	not DE
EVM0000057	LG4	calmodulin binding protein, p	not DE	not DE	not DE	not DE
EVM0005874	LG4	casein kinase II catalytic su	not DE	not DE	not DE	not DE
EVM0003457	LG4	catalase	-1.21507	0.031616	not DE	not DE
EVM0008247	LG4	catalase	not DE	not DE	-1.85889	#####
EVM0017308	LG4	cca trna nucleotidyltransfera	not DE	not DE	not DE	not DE
EVM0005465	LG4	cellulose synthase	not DE	not DE	not DE	not DE
EVM0000129	LG4	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0000772	LG4	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0001743	LG4	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0003407	LG4	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0004168	LG4	conserved hypothetical protei	-2.19102	0.023431	not DE	not DE
EVM0004519	LG4	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0004859	LG4	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0005078	LG4	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0005950	LG4	conserved hypothetical protei	-2.3294	0.00018	not DE	not DE
EVM0006585	LG4	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0007697	LG4	conserved hypothetical protei	not DE	not DE	not DE	not DE

EVM0008147	LG4	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0008319	LG4	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0014085	LG4	conserved hypothetical protein	-1.7146	0.000351	not DE	not DE
EVM0015143	LG4	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0015768	LG4	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0018190	LG4	conserved hypothetical protein	not DE	not DE	1.167002	#####
EVM0019181	LG4	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0020504	LG4	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0023293	LG4	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0023867	LG4	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0023904	LG4	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0017241	LG4	cryptochrome 1	not DE	not DE	not DE	not DE
EVM0014365	LG4	cyclin A, partial	not DE	not DE	not DE	not DE
EVM0006803	LG4	cyclin family protein	not DE	not DE	not DE	not DE
EVM0004766	LG4	dihydroflavonol-4-reductase	not DE	not DE	not DE	not DE
EVM0024278	LG4	dihydroflavonol-4-reductase	not DE	not DE	not DE	not DE
EVM0024535	LG4	flavodoxin family protein	not DE	not DE	not DE	not DE
EVM0004800	LG4	flavonol synthase	not DE	not DE	not DE	not DE
EVM0017251	LG4	flavonol synthase	not DE	not DE	not DE	not DE
EVM0016467	LG4	gast1-like protein	not DE	not DE	not DE	not DE
EVM0020059	LG4	gigantea	not DE	not DE	not DE	not DE
EVM0002993	LG4	glycosyl transferase family 2	not DE	not DE	not DE	not DE
EVM0004616	LG4	glycosyltransferase family GT	not DE	not DE	not DE	not DE
EVM0010169	LG4	high affinity sulfate transp	not DE	not DE	not DE	not DE
EVM0023588	LG4	homeobox-leucine zipper trans	-2.03956	0.016332	not DE	not DE
EVM0016930	LG4	hypothetical protein AMTR_s00	not DE	not DE	not DE	not DE
EVM0020721	LG4	hypothetical protein AMTR_s03	not DE	not DE	not DE	not DE
EVM0006258	LG4	hypothetical protein AMTR_s05	not DE	not DE	not DE	not DE
EVM0012056	LG4	hypothetical protein CARUB_v1	not DE	not DE	not DE	not DE
EVM0001920	LG4	hypothetical protein CICLE_v1	not DE	not DE	-1.22846	#####
EVM0012801	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017329	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004537	LG4	hypothetical protein CICLE_v1	not DE	not DE	-1.05633	#####
EVM0002766	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010579	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017729	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017266	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014599	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008721	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004393	LG4	hypothetical protein CICLE_v1	not DE	not DE	-1.00924	0.03908
EVM0024148	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013970	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001273	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024490	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019454	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015101	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014181	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016697	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020804	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016575	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008104	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019499	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023837	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017228	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0006587	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008467	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017742	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024308	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001795	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019405	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010267	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016942	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002158	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015014	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003156	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016123	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002851	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006043	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009659	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011281	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000396	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004137	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002075	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002483	LG4	hypothetical protein CICLE_v1	3.139415	0.011295	not DE	not DE
EVM0023489	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002554	LG4	hypothetical protein CICLE_v1	-1.08747	0.005315	not DE	not DE
EVM0020607	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006326	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004718	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000400	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020223	LG4	hypothetical protein CICLE_v1	1.538212	0.001692	not DE	not DE
EVM0005920	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002726	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024016	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017571	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015590	LG4	hypothetical protein CICLE_v1	-1.47723	0.037706	not DE	not DE
EVM0004458	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014437	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005055	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015987	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000819	LG4	hypothetical protein CICLE_v1	not DE	not DE	1.163258	0.03382
EVM0007249	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017310	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007531	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009851	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021914	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024460	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018726	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024229	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005711	LG4	hypothetical protein CICLE_v1	3.32486	0.00017	not DE	not DE
EVM0004462	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021647	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007525	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009420	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010783	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018275	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001579	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009680	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0023004	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011029	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000903	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021852	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016943	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016199	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000988	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005101	LG4	hypothetical protein CICLE_v1	1.561411	9.38E-05	not DE	not DE
EVM0005985	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001158	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014488	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007646	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023806	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000523	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005000	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015269	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024292	LG4	hypothetical protein CICLE_v1	-1.42887	8.39E-08	not DE	not DE
EVM0012503	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011115	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019832	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016720	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021078	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004223	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019795	LG4	hypothetical protein CICLE_v1	-1.47142	0.001704	not DE	not DE
EVM0013687	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002418	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006284	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017372	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020312	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010279	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005707	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020634	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006870	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004228	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019200	LG4	hypothetical protein CICLE_v1	1.779119	0.005361	not DE	not DE
EVM0013772	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005650	LG4	hypothetical protein CICLE_v1	2.206926	0.011046	not DE	not DE
EVM0014461	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012248	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005961	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012960	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015198	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022321	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024580	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004762	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007874	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020020	LG4	hypothetical protein CICLE_v1	1.976374	0.014033	not DE	not DE
EVM0024218	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004387	LG4	hypothetical protein CICLE_v1	not DE	not DE	1.32773	0.03198
EVM0011893	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013166	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008633	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017105	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000433	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0006939	LG4	hypothetical protein CICLE_v1	not DE	not DE	-3.12364	0.04041
EVM0017915	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000929	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024219	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010233	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003857	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011060	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000517	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003655	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017723	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023146	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007818	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020977	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019060	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021148	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017411	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000032	LG4	hypothetical protein CICLE_v1	3.97154	0.025756	not DE	not DE
EVM0019401	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001421	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011465	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000153	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016113	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002677	LG4	hypothetical protein CICLE_v1	not DE	not DE	-1.19303	0.01229
EVM0002349	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018311	LG4	hypothetical protein CICLE_v1	2.791136	9.23E-12	not DE	not DE
EVM0001588	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016232	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013368	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011784	LG4	hypothetical protein CICLE_v1	-1.34007	0.003716	not DE	not DE
EVM0011061	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023206	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008647	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003887	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013183	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018180	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016162	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005780	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011849	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018725	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016521	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011708	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012964	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003534	LG4	hypothetical protein CICLE_v1	not DE	not DE	1.410617	0.0037
EVM0008348	LG4	hypothetical protein CICLE_v1	-1.12027	0.011367	not DE	not DE
EVM0005636	LG4	hypothetical protein CICLE_v1	1.581117	0.012564	not DE	not DE
EVM0016802	LG4	hypothetical protein CICLE_v1	-1.05025	0.003251	1.036858	#####
EVM0010135	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000024	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000424	LG4	hypothetical protein CICLE_v1	-1.4956	0.049742	not DE	not DE
EVM0024659	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007910	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010876	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022957	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002853	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE



EVM0007417	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016855	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009843	LG4	hypothetical protein CICLE_v1	3.483274	0.001468	not DE	not DE
EVM0011971	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012422	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013419	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017519	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011968	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002983	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024531	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016872	LG4	hypothetical protein CICLE_v1	2.167621	0.000495	not DE	not DE
EVM0011132	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007642	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012715	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014591	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020424	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008398	LG4	hypothetical protein CICLE_v1	1.950884	5.34E-05	not DE	not DE
EVM0017940	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008760	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004172	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009953	LG4	hypothetical protein CICLE_v1	1.317103	4.99E-05	not DE	not DE
EVM0012446	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004528	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001316	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018547	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024047	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024206	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017826	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003984	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005087	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011642	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015767	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019709	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024080	LG4	hypothetical protein CICLE_v1	3.020988	0.00064	not DE	not DE
EVM0022447	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013586	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017849	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021579	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015259	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018303	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000969	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009241	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000289	LG4	hypothetical protein CICLE_v1	not DE	not DE	1.449767	0.01152
EVM0017410	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019154	LG4	hypothetical protein CICLE_v1	1.080704	0.021125	not DE	not DE
EVM0015193	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024105	LG4	hypothetical protein CICLE_v1	1.270427	0.003969	not DE	not DE
EVM0011350	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004111	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012302	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003949	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000366	LG4	hypothetical protein CICLE_v1	not DE	not DE	1.191779	0.01835
EVM0009424	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000518	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0007498	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020540	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001100	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014322	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019738	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004406	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001228	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014534	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001419	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004814	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022163	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005293	LG4	hypothetical protein CICLE_v1	1.12111	0.007324	not DE	not DE
EVM0017278	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007723	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017393	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019945	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009194	LG4	hypothetical protein CICLE_v1	not DE	not DE	1.057068	#####
EVM0006604	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020555	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021407	LG4	hypothetical protein CICLE_v1	not DE	not DE	-1.20872	0.02978
EVM0020681	LG4	hypothetical protein CICLE_v1	not DE	not DE	-3.33983	#####
EVM0010965	LG4	hypothetical protein CICLE_v1	1.532568	0.001823	not DE	not DE
EVM0002856	LG4	hypothetical protein CICLE_v1	-1.20676	0.015132	not DE	not DE
EVM0015278	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012103	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023220	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005563	LG4	hypothetical protein CICLE_v1	not DE	not DE	1.692114	0.00137
EVM0015823	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019802	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022314	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008830	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005197	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014249	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014960	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002251	LG4	hypothetical protein CICLE_v1	not DE	not DE	1.774483	0.00276
EVM0007148	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019234	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024089	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005266	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013727	LG4	hypothetical protein CICLE_v1	1.080017	0.042186	not DE	not DE
EVM0016269	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003929	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013557	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022653	LG4	hypothetical protein CICLE_v1	2.240904	0.002574	1.050919	0.04126
EVM0004573	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002447	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011872	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023187	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016647	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018787	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019408	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003465	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001223	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007677	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0008732	LG4	hypothetical protein CICLE_v1	1.158076	0.000289	not DE	not DE
EVM0003000	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022116	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017627	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008774	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018631	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014083	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012171	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020705	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020790	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005393	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016560	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020574	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009686	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004050	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018030	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018285	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009690	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009239	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013196	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004915	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021094	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003738	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015944	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006912	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011813	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022711	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021073	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008980	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014874	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017023	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001236	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001900	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011101	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013006	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015731	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003460	LG4	hypothetical protein CICLE_v1	-2.37381	3.35E-22	-1.00052	0.00528
EVM0016247	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021129	LG4	hypothetical protein CICLE_v1	3.687902	5.42E-06	not DE	not DE
EVM0007217	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022871	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003317	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007463	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005014	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012119	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004633	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021883	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020262	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004949	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022810	LG4	hypothetical protein CICLE_v1	not DE	not DE	-1.02662	0.03259
EVM0009199	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003998	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008859	LG4	hypothetical protein CICLE_v1	not DE	not DE	-1.14913	#####
EVM0014787	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0001666	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013728	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001551	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009104	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013269	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015588	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003896	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011725	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000342	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007597	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013825	LG4	hypothetical protein CICLE_v1	-1.40449	0.008229	not DE	not DE
EVM0017874	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012311	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013040	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012145	LG4	hypothetical protein CICLE_v1	-3.03506	1.27E-05	not DE	not DE
EVM0022328	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021815	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023244	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016274	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022356	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024256	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012167	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008933	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002588	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022574	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019515	LG4	hypothetical protein CICLE_v1	1.842585	0.020355	not DE	not DE
EVM0001227	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011908	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000908	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010149	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024545	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023348	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016326	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020666	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001769	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018845	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006918	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013901	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014627	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014889	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021434	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022039	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016188	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019600	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022964	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012895	LG4	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001082	LG4	hypothetical protein CISIN_1g	not DE	not DE	-1.17955	#####
EVM0003430	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021337	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015849	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014839	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013104	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016792	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016366	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0012400	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018393	LG4	hypothetical protein CISIN_1g	-3.3402	0.000281	not DE	not DE
EVM0000422	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007832	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000758	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002086	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004907	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008651	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007745	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008108	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015362	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019385	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019971	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023701	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019950	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014768	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019854	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008521	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021589	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012890	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017051	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001107	LG4	hypothetical protein CISIN_1g	-2.65955	0.036732	not DE	not DE
EVM0008131	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008824	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001087	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011179	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004606	LG4	hypothetical protein CISIN_1g	not DE	not DE	1.583361	0.01513
EVM0008841	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012516	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019206	LG4	hypothetical protein CISIN_1g	4.642555	0.038468	not DE	not DE
EVM0016572	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017665	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005459	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002166	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024349	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001140	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004848	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010760	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012785	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018158	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008427	LG4	hypothetical protein CISIN_1g	2.747509	0.008072	not DE	not DE
EVM0011605	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011167	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023611	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004072	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006205	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014121	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019369	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000542	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016857	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008011	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000652	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005344	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016429	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE



EVM0013849	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007146	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006052	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024124	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022429	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011719	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020943	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009282	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009015	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000610	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019253	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018024	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015791	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003812	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004827	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007650	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018680	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001065	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003889	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020254	LG4	hypothetical protein CISIN_1g	-2.09759	0.00935	not DE	not DE
EVM0021553	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015698	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017601	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018405	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000170	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013640	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018536	LG4	hypothetical protein CISIN_1g	-3.13068	0.048913	not DE	not DE
EVM0004326	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020571	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001220	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021273	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019048	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017446	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009383	LG4	hypothetical protein CISIN_1g	3.407096	0.001365	not DE	not DE
EVM0011700	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014881	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007039	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007291	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009180	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017822	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021394	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004499	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016830	LG4	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004262	LG4	hypothetical protein Csa_4G62	not DE	not DE	not DE	not DE
EVM0002318	LG4	hypothetical protein F383_148	not DE	not DE	1.722126	0.0129
EVM0015224	LG4	hypothetical protein F383_232	not DE	not DE	not DE	not DE
EVM0013633	LG4	hypothetical protein JCGZ_038	not DE	not DE	not DE	not DE
EVM0020811	LG4	hypothetical protein JCGZ_039	not DE	not DE	not DE	not DE
EVM0010948	LG4	hypothetical protein JCGZ_042	not DE	not DE	not DE	not DE
EVM0014762	LG4	hypothetical protein JCGZ_042	not DE	not DE	not DE	not DE
EVM0013951	LG4	hypothetical protein JCGZ_043	not DE	not DE	-2.37949	0.00465
EVM0019596	LG4	hypothetical protein JCGZ_043	not DE	not DE	not DE	not DE
EVM0005989	LG4	hypothetical protein JCGZ_043	not DE	not DE	not DE	not DE
EVM0016087	LG4	hypothetical protein JCGZ_043	not DE	not DE	not DE	not DE

EVM0022200	LG4	hypothetical protein JCGZ_043	not DE	not DE	not DE	not DE
EVM0008469	LG4	hypothetical protein JCGZ_044	not DE	not DE	not DE	not DE
EVM0017942	LG4	hypothetical protein JCGZ_045	not DE	not DE	not DE	not DE
EVM0015400	LG4	hypothetical protein JCGZ_060	not DE	not DE	not DE	not DE
EVM0021875	LG4	hypothetical protein JCGZ_060	not DE	not DE	not DE	not DE
EVM0017328	LG4	hypothetical protein JCGZ_079	not DE	not DE	not DE	not DE
EVM0007892	LG4	hypothetical protein JCGZ_079	not DE	not DE	not DE	not DE
EVM0005634	LG4	hypothetical protein JCGZ_080	not DE	not DE	-1.71973	0.0432
EVM0019251	LG4	hypothetical protein JCGZ_080	not DE	not DE	not DE	not DE
EVM0004631	LG4	hypothetical protein JCGZ_080	not DE	not DE	not DE	not DE
EVM0008392	LG4	hypothetical protein JCGZ_080	not DE	not DE	not DE	not DE
EVM0021530	LG4	hypothetical protein JCGZ_081	4.160858	0.006626	not DE	not DE
EVM0002984	LG4	hypothetical protein JCGZ_081	not DE	not DE	not DE	not DE
EVM0007319	LG4	hypothetical protein JCGZ_081	not DE	not DE	not DE	not DE
EVM0017661	LG4	hypothetical protein JCGZ_081	not DE	not DE	not DE	not DE
EVM0014863	LG4	hypothetical protein JCGZ_081	not DE	not DE	not DE	not DE
EVM0015660	LG4	hypothetical protein JCGZ_082	not DE	not DE	not DE	not DE
EVM0013162	LG4	hypothetical protein JCGZ_082	not DE	not DE	not DE	not DE
EVM0010341	LG4	hypothetical protein JCGZ_082	-1.8401	0.002184	not DE	not DE
EVM0020942	LG4	hypothetical protein JCGZ_083	not DE	not DE	not DE	not DE
EVM0002971	LG4	hypothetical protein JCGZ_094	not DE	not DE	not DE	not DE
EVM0008036	LG4	hypothetical protein JCGZ_100	not DE	not DE	not DE	not DE
EVM0017901	LG4	hypothetical protein JCGZ_119	4.104322	2.85E-07	not DE	not DE
EVM0006177	LG4	hypothetical protein JCGZ_120	not DE	not DE	not DE	not DE
EVM0012070	LG4	hypothetical protein JCGZ_120	not DE	not DE	not DE	not DE
EVM0002458	LG4	hypothetical protein JCGZ_121	not DE	not DE	not DE	not DE
EVM0023402	LG4	hypothetical protein JCGZ_121	not DE	not DE	not DE	not DE
EVM0009070	LG4	hypothetical protein JCGZ_121	not DE	not DE	not DE	not DE
EVM0000257	LG4	hypothetical protein JCGZ_130	not DE	not DE	not DE	not DE
EVM0000464	LG4	hypothetical protein JCGZ_130	not DE	not DE	not DE	not DE
EVM0009054	LG4	hypothetical protein JCGZ_137	not DE	not DE	not DE	not DE
EVM0009663	LG4	hypothetical protein JCGZ_137	not DE	not DE	not DE	not DE
EVM0002375	LG4	hypothetical protein JCGZ_141	not DE	not DE	not DE	not DE
EVM0013514	LG4	hypothetical protein JCGZ_157	not DE	not DE	not DE	not DE
EVM0021358	LG4	hypothetical protein JCGZ_157	not DE	not DE	not DE	not DE
EVM0015345	LG4	hypothetical protein JCGZ_158	not DE	not DE	not DE	not DE
EVM0018064	LG4	hypothetical protein JCGZ_158	not DE	not DE	not DE	not DE
EVM0009642	LG4	hypothetical protein JCGZ_158	not DE	not DE	not DE	not DE
EVM0013809	LG4	hypothetical protein JCGZ_158	not DE	not DE	not DE	not DE
EVM0021339	LG4	hypothetical protein JCGZ_158	not DE	not DE	not DE	not DE
EVM0008424	LG4	hypothetical protein JCGZ_159	not DE	not DE	not DE	not DE
EVM0007755	LG4	hypothetical protein JCGZ_159	not DE	not DE	not DE	not DE
EVM0007141	LG4	hypothetical protein JCGZ_160	not DE	not DE	not DE	not DE
EVM0024590	LG4	hypothetical protein JCGZ_160	not DE	not DE	not DE	not DE
EVM0015074	LG4	hypothetical protein JCGZ_160	not DE	not DE	not DE	not DE
EVM0000583	LG4	hypothetical protein JCGZ_160	not DE	not DE	not DE	not DE
EVM0009412	LG4	hypothetical protein JCGZ_160	not DE	not DE	not DE	not DE
EVM0005132	LG4	hypothetical protein JCGZ_160	not DE	not DE	not DE	not DE
EVM0014617	LG4	hypothetical protein JCGZ_160	not DE	not DE	not DE	not DE
EVM0016229	LG4	hypothetical protein JCGZ_160	not DE	not DE	not DE	not DE
EVM0010456	LG4	hypothetical protein JCGZ_160	2.244532	0.000516	2.296139	#####
EVM0003212	LG4	hypothetical protein JCGZ_161	not DE	not DE	not DE	not DE
EVM0024360	LG4	hypothetical protein JCGZ_161	not DE	not DE	not DE	not DE
EVM0014102	LG4	hypothetical protein JCGZ_172	not DE	not DE	not DE	not DE



EVM0000866	LG4	hypothetical protein JCGZ_248	not DE	not DE	not DE	not DE
EVM0007518	LG4	hypothetical protein JCGZ_251	not DE	not DE	not DE	not DE
EVM0009590	LG4	hypothetical protein L484_002	not DE	not DE	not DE	not DE
EVM0006714	LG4	hypothetical protein L484_025	-2.05833	7.62E-10	not DE	not DE
EVM0007718	LG4	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0023984	LG4	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0020141	LG4	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0007255	LG4	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0007112	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0016432	LG4	hypothetical protein POPTR_00	-2.26865	0.007105	not DE	not DE
EVM0001476	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0007870	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0018329	LG4	hypothetical protein POPTR_00	not DE	not DE	2.73126	0.00511
EVM0018688	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000980	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002208	LG4	hypothetical protein POPTR_00	-1.24425	0.021273	not DE	not DE
EVM0007296	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0005013	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019492	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0024186	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0018859	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0009983	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0004053	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0011359	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0014054	LG4	hypothetical protein POPTR_00	not DE	not DE	-3.86257	0.00019
EVM0003273	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0003705	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0017511	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020511	LG4	hypothetical protein POPTR_00	not DE	not DE	-1.83816	#####
EVM0003761	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019511	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0011074	LG4	hypothetical protein POPTR_00	1.147721	0.00416	not DE	not DE
EVM0006246	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0021893	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020774	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0001117	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0015685	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0012123	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019794	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023123	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0017037	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002002	LG4	hypothetical protein POPTR_00	-4.79554	1.28E-07	not DE	not DE
EVM0011053	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0013098	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002260	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010502	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0005514	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0012487	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019720	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010703	LG4	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0004706	LG4	hypothetical protein POPTR_02	not DE	not DE	not DE	not DE
EVM0007402	LG4	hypothetical protein POPTR_02	not DE	not DE	not DE	not DE
EVM0007739	LG4	hypothetical protein POPTR_02	not DE	not DE	not DE	not DE
EVM0002800	LG4	hypothetical protein POPTR_09	not DE	not DE	not DE	not DE

EVM0003054	LG4	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0010905	LG4	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0011746	LG4	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0024507	LG4	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0016385	LG4	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0016303	LG4	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0003925	LG4	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0003194	LG4	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0010023	LG4	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0000713	LG4	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0012233	LG4	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0010739	LG4	hypothetical protein PRUPE_pp	-2.07464	0.01368	not DE	not DE
EVM0009871	LG4	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0021534	LG4	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0003116	LG4	hypothetical protein PRUPE_pp	not DE	not DE	1.917253	0.00887
EVM0012319	LG4	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0006479	LG4	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0004115	LG4	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0007532	LG4	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0000995	LG4	hypothetical protein RCOM_058	not DE	not DE	not DE	not DE
EVM0004830	LG4	hypothetical protein SELMODRA	not DE	not DE	-2.42284	0.00399
EVM0015234	LG4	hypothetical protein TCM_0340	not DE	not DE	not DE	not DE
EVM0013946	LG4	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0000767	LG4	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0000155	LG4	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0004811	LG4	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0006282	LG4	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0019261	LG4	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0015960	LG4	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0020548	LG4	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0024051	LG4	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0008347	LG4	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0009365	LG4	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0013444	LG4	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0021617	LG4	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0016696	LG4	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0021550	LG4	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0000415	LG4	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0007343	LG4	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0014188	LG4	hypothetical protein glysoja	not DE	not DE	not DE	not DE
EVM0010929	LG4	hypothetical protein glysoja	not DE	not DE	not DE	not DE
EVM0023437	LG4	integrase	not DE	not DE	not DE	not DE
EVM0014468	LG4	laccase	2.01238	0.021961	not DE	not DE
EVM0011164	LG4	monooxygenase, putative	not DE	not DE	not DE	not DE
EVM0020854	LG4	myb family transcription fact	-3.2804	0.007909	not DE	not DE
EVM0009344	LG4	pathogenesis-related thaumati	1.068122	0.048023	not DE	not DE
EVM0009667	LG4	pentatricopeptide repeat-cont	not DE	not DE	not DE	not DE
EVM0001464	LG4	peptidase, putative	not DE	not DE	not DE	not DE
EVM0017594	LG4	peroxidase 4	not DE	not DE	not DE	not DE
EVM0001733	LG4	photosystem II protein K (chl	not DE	not DE	not DE	not DE
EVM0013536	LG4	phytosulfokines precursor, pu	not DE	not DE	not DE	not DE
EVM0008270	LG4	purine transporter, putative	not DE	not DE	not DE	not DE
EVM0019974	LG4	purine transporter, putative	not DE	not DE	not DE	not DE
EVM0010405	LG4	putative 39S ribosomal L53, m	not DE	not DE	not DE	not DE

EVM0014025	LG4	putative membrane protein	not DE	not DE	not DE	not DE
EVM0003834	LG4	putative phosphoglycerate mutase	not DE	not DE	not DE	not DE
EVM0008191	LG4	putative ubiquitin-conjugating enzyme	not DE	not DE	not DE	not DE
EVM0017155	LG4	regulator of chromosome condensation	not DE	not DE	not DE	not DE
EVM0024086	LG4	remorin-1 protein	not DE	not DE	not DE	not DE
EVM0010027	LG4	ribosomal protein L3	not DE	not DE	not DE	not DE
EVM0020771	LG4	ribosomal protein S2	-1.15269	0.035611	not DE	not DE
EVM0018921	LG4	rnf5, putative	not DE	not DE	not DE	not DE
EVM0024509	LG4	senescence-associated family 1	-2.06745	0.003187	1.094416	0.00108
EVM0024303	LG4	somatic embryogenesis receptor	not DE	not DE	not DE	not DE
EVM0007506	LG4	sucrose carrier	not DE	not DE	-1.25649	0.00144
EVM0017846	LG4	sucrose nonfermenting 1-related	not DE	not DE	not DE	not DE
EVM0016831	LG4	transcription factor, putative	not DE	not DE	not DE	not DE
EVM0020202	LG4	transcription factor, putative	not DE	not DE	not DE	not DE
EVM0013381	LG4	uncharacterized protein LOC100506481	not DE	not DE	not DE	not DE
EVM0018932	LG4	uncharacterized protein LOC100506481	-1.19212	0.001612	not DE	not DE
EVM0002195	LG4	unknown protein	not DE	not DE	not DE	not DE
EVM0002237	LG4	unknown protein	not DE	not DE	not DE	not DE
EVM0002544	LG4	unknown protein	not DE	not DE	not DE	not DE
EVM0005042	LG4	unknown protein	not DE	not DE	not DE	not DE
EVM0005510	LG4	unknown protein	not DE	not DE	not DE	not DE
EVM0006089	LG4	unknown protein	not DE	not DE	not DE	not DE
EVM0009187	LG4	unknown protein	not DE	not DE	not DE	not DE
EVM0010712	LG4	unknown protein	not DE	not DE	not DE	not DE
EVM0011083	LG4	unknown protein	not DE	not DE	not DE	not DE
EVM0011967	LG4	unknown protein	not DE	not DE	not DE	not DE
EVM0012124	LG4	unknown protein	not DE	not DE	not DE	not DE
EVM0015669	LG4	unknown protein	not DE	not DE	not DE	not DE
EVM0018797	LG4	unknown protein	2.494236	0.012056	not DE	not DE
EVM0018901	LG4	unknown protein	not DE	not DE	not DE	not DE
EVM0019817	LG4	unknown protein	not DE	not DE	not DE	not DE
EVM0020352	LG4	unknown protein	not DE	not DE	not DE	not DE
EVM0020461	LG4	unknown protein	not DE	not DE	not DE	not DE
EVM0022302	LG4	unknown protein	not DE	not DE	not DE	not DE
EVM0023030	LG4	unknown protein	not DE	not DE	not DE	not DE
EVM0001118	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0001739	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0002010	LG4	unnamed protein product	-2.37372	0.004291	not DE	not DE
EVM0002696	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0002706	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0003673	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0005577	LG4	unnamed protein product	not DE	not DE	2.232037	0.01655
EVM0009043	LG4	unnamed protein product	3.362457	0.009973	not DE	not DE
EVM0011208	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0011883	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0012803	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0015330	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0015497	LG4	unnamed protein product	not DE	not DE	-1.06574	0.00135
EVM0015959	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0016909	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0016975	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0017887	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0018092	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0018369	LG4	unnamed protein product	not DE	not DE	not DE	not DE

EVM0020146	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0020434	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0021130	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0021278	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0022088	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0022508	LG4	unnamed protein product	not DE	not DE	-1.5063	0.00243
EVM0022594	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0023205	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0023526	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0023842	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0024518	LG4	unnamed protein product	not DE	not DE	not DE	not DE
EVM0019629	LG4	wood-associated NAC domain tr	not DE	not DE	not DE	not DE
EVM0006923	LG4	zinc finger family protein	not DE	not DE	not DE	not DE
EVM0003040	LG4	zinc finger protein, putative	not DE	not DE	not DE	not DE
EVM0017058	LG4	zinc finger protein, putative	not DE	not DE	not DE	not DE
EVM0006522	LG5	(3S, 6E)-nerolidol synthase 2	not DE	not DE	not DE	not DE
EVM0008242	LG5	(E, E)-geranylinalool syntha	not DE	not DE	not DE	not DE
EVM0020843	LG5	(E, E)-geranylinalool syntha	not DE	not DE	not DE	not DE
EVM0003681	LG5	(R)-limonene synthase 1-like	not DE	not DE	not DE	not DE
EVM0005724	LG5	(R)-limonene synthase 1-like	not DE	not DE	not DE	not DE
EVM0009065	LG5	(R)-limonene synthase 1-like	not DE	not DE	not DE	not DE
EVM0009651	LG5	(R)-limonene synthase 1-like	not DE	not DE	not DE	not DE
EVM0013167	LG5	(R)-limonene synthase 1-like	not DE	not DE	not DE	not DE
EVM0016246	LG5	(R)-limonene synthase 1-like	not DE	not DE	not DE	not DE
EVM0021334	LG5	(R)-limonene synthase 1-like	not DE	not DE	not DE	not DE
EVM0024120	LG5	(R)-limonene synthase 1-like	not DE	not DE	not DE	not DE
EVM0024601	LG5	(R)-limonene synthase 1-like	not DE	not DE	not DE	not DE
EVM0010207	LG5	1-acyl-sn-glycerol-3-phospha	not DE	not DE	not DE	not DE
EVM0018129	LG5	1-aminocyclopropane-1-carbox	-2.03503	0.000817	not DE	not DE
EVM0017909	LG5	14 kDa zinc-binding protein-	not DE	not DE	not DE	not DE
EVM0003234	LG5	14-3-3-like protein D-like	not DE	not DE	not DE	not DE
EVM0007966	LG5	2-alkenal reductase (NADP(+)	not DE	not DE	1.169152	0.03024
EVM0000892	LG5	2-aminoethanethiol dioxygena	not DE	not DE	not DE	not DE
EVM0009208	LG5	2-aminoethanethiol dioxygena	not DE	not DE	not DE	not DE
EVM0016623	LG5	2-succinylbenzoate--CoA liga	not DE	not DE	not DE	not DE
EVM0011072	LG5	21 kDa seed protein-like iso	not DE	not DE	not DE	not DE
EVM0012231	LG5	3-oxoacyl-[acyl-carrier-prot	not DE	not DE	not DE	not DE
EVM0011935	LG5	39S ribosomal protein L4, mi	not DE	not DE	not DE	not DE
EVM0001360	LG5	40S ribosomal protein S11-li	not DE	not DE	not DE	not DE
EVM0021133	LG5	40S ribosomal protein S12	not DE	not DE	not DE	not DE
EVM0024011	LG5	40S ribosomal protein S14-3-	not DE	not DE	not DE	not DE
EVM0015527	LG5	5&apos;-adenylylsulfate redu	-1.75758	0.012652	not DE	not DE
EVM0018057	LG5	50S ribosomal protein L21, m	not DE	not DE	not DE	not DE
EVM0021377	LG5	50S ribosomal protein L34, c	not DE	not DE	not DE	not DE
EVM0021992	LG5	50S ribosomal protein L9, ch	not DE	not DE	not DE	not DE
EVM0019671	LG5	54S ribosomal protein L12, m	not DE	not DE	not DE	not DE
EVM0024652	LG5	54S ribosomal protein L12, m	not DE	not DE	not DE	not DE
EVM0018545	LG5	ABC transporter G family mem	not DE	not DE	not DE	not DE
EVM0012961	LG5	ADP, ATP carrier protein 1, m	not DE	not DE	not DE	not DE
EVM0004478	LG5	ADP, ATP carrier protein 3, m	not DE	not DE	not DE	not DE
EVM0002827	LG5	AP2-like ethylene-responsive	not DE	not DE	not DE	not DE
EVM0015104	LG5	AP2/ERF and B3 domain-contain	not DE	not DE	not DE	not DE
EVM0015051	LG5	BAG family molecular chapero	not DE	not DE	not DE	not DE
EVM0016252	LG5	BES1/BZR1 homolog protein 4-	not DE	not DE	not DE	not DE

EVM0021216	LG5	BOI-related E3 ubiquitin-pro	not DE	not DE	not DE	not DE
EVM0010856	LG5	BTB/POZ domain-containing pr	not DE	not DE	not DE	not DE
EVM0007991	LG5	CBL-interacting serine/threo	not DE	not DE	not DE	not DE
EVM0011755	LG5	CBL-interacting serine/threo	-2.44693	2.31E-10	not DE	not DE
EVM0007380	LG5	CTD small phosphatase-like p	not DE	not DE	not DE	not DE
EVM0003872	LG5	CTP synthase 2-like isoform	3.093757	0.002018	1.922333	#####
EVM0001524	LG5	D-tyrosyl-tRNA(Tyr) deacylas	not DE	not DE	not DE	not DE
EVM0015999	LG5	DAG protein, chloroplastic	not DE	not DE	not DE	not DE
EVM0004071	LG5	DDB1- and CUL4-associated fa	not DE	not DE	not DE	not DE
EVM0011428	LG5	DNA damage-binding protein l	not DE	not DE	not DE	not DE
EVM0014382	LG5	DNA replication licensing fa	not DE	not DE	not DE	not DE
EVM0020638	LG5	DNA-binding protein DDB_G027	not DE	not DE	not DE	not DE
EVM0006421	LG5	DNA-directed RNA polymerase	1.957751	6.14E-10	not DE	not DE
EVM0011263	LG5	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0013803	LG5	ER lumen protein retaining r	not DE	not DE	not DE	not DE
EVM0005316	LG5	F-box protein At1g61340-like	1.213638	0.027341	not DE	not DE
EVM0015769	LG5	F-box protein CPR30-like	not DE	not DE	not DE	not DE
EVM0009130	LG5	F-box protein SKIP1-like	not DE	not DE	not DE	not DE
EVM0017093	LG5	F-box protein SKIP19-like	not DE	not DE	not DE	not DE
EVM0002780	LG5	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0004939	LG5	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0005450	LG5	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0017583	LG5	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0015718	LG5	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0000780	LG5	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0020517	LG5	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0018765	LG5	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0005412	LG5	GDP-L-galactose phosphorylas	not DE	not DE	not DE	not DE
EVM0008178	LG5	GDSL esterase/lipase At1g296	not DE	not DE	not DE	not DE
EVM0005791	LG5	GDSL esterase/lipase At5g459	-2.41156	0.049242	not DE	not DE
EVM0016543	LG5	GDSL esterase/lipase At5g459	-2.37238	0.040708	not DE	not DE
EVM0000141	LG5	GDSL esterase/lipase At5g459	not DE	not DE	not DE	not DE
EVM0007005	LG5	KH domain-containing protein	not DE	not DE	not DE	not DE
EVM0010150	LG5	LETM1 and EF-hand domain-con	not DE	not DE	not DE	not DE
EVM0012222	LG5	LOW QUALITY PROTEIN: peroxid	not DE	not DE	not DE	not DE
EVM0007200	LG5	LRR receptor-like serine/thr	not DE	not DE	not DE	not DE
EVM0015402	LG5	LRR receptor-like serine/thr	not DE	not DE	not DE	not DE
EVM0020632	LG5	NADP-dependent glyceraldehyd	not DE	not DE	not DE	not DE
EVM0019011	LG5	PTI1-like tyrosine-protein k	not DE	not DE	not DE	not DE
EVM0023361	LG5	QWRF motif-containing protei	not DE	not DE	not DE	not DE
EVM0008981	LG5	RNA polymerase II C-terminal	not DE	not DE	not DE	not DE
EVM0014926	LG5	SAP-like protein BP-73-like	not DE	not DE	not DE	not DE
EVM0017064	LG5	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0000252	LG5	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0015697	LG5	U3 small nucleolar RNA-inter	not DE	not DE	-1.06876	0.01153
EVM0009549	LG5	UBA and UBX domain-containin	not DE	not DE	not DE	not DE
EVM0017649	LG5	UBA and UBX domain-containin	not DE	not DE	not DE	not DE
EVM0016300	LG5	UPF0057 membrane protein At4	not DE	not DE	not DE	not DE
EVM0008719	LG5	WAT1-related protein At4g304	not DE	not DE	not DE	not DE
EVM0018899	LG5	WD repeat-containing protein	not DE	not DE	not DE	not DE
EVM0013188	LG5	abnormal spindle-like microc	not DE	not DE	not DE	not DE
EVM0001618	LG5	acidic mammalian chitinase-l	not DE	not DE	not DE	not DE
EVM0010329	LG5	actin-related protein 2/3 co	not DE	not DE	not DE	not DE
EVM0019467	LG5	acyl-protein thioesterase 1-	-1.66641	0.000109	not DE	not DE

EVM0014341	LG5	adenosine deaminase-like protein	not DE	not DE	not DE	not DE
EVM0015098	LG5	agamous-like MADS-box protein	not DE	not DE	not DE	not DE
EVM0017867	LG5	agamous-like MADS-box protein	not DE	not DE	not DE	not DE
EVM0000053	LG5	agamous-like MADS-box protein	not DE	not DE	not DE	not DE
EVM0002837	LG5	agamous-like MADS-box protein	not DE	not DE	not DE	not DE
EVM0003261	LG5	agamous-like MADS-box protein	not DE	not DE	not DE	not DE
EVM0008741	LG5	agamous-like MADS-box protein	not DE	not DE	not DE	not DE
EVM0015043	LG5	alpha N-terminal protein	not DE	not DE	not DE	not DE
EVM0002904	LG5	alpha-farnesene synthase-like	not DE	not DE	not DE	not DE
EVM0014934	LG5	alpha-farnesene synthase-like	not DE	not DE	not DE	not DE
EVM0016502	LG5	alpha-farnesene synthase-like	not DE	not DE	not DE	not DE
EVM0013112	LG5	alpha/beta hydrolase domain	not DE	not DE	not DE	not DE
EVM0004874	LG5	ankyrin repeat-containing protein	-3.16393	0.02854	not DE	not DE
EVM0013224	LG5	ankyrin repeat-containing protein	not DE	not DE	4.214788	0.00227
EVM0013916	LG5	ankyrin repeat-containing protein	not DE	not DE	not DE	not DE
EVM0000458	LG5	ankyrin repeat-containing protein	not DE	not DE	not DE	not DE
EVM0009232	LG5	ankyrin repeat-containing protein	not DE	not DE	not DE	not DE
EVM0010052	LG5	ankyrin repeat-containing protein	not DE	not DE	not DE	not DE
EVM0014118	LG5	ankyrin repeat-containing protein	not DE	not DE	not DE	not DE
EVM0016293	LG5	ankyrin repeat-containing protein	not DE	not DE	not DE	not DE
EVM0023037	LG5	ankyrin repeat-containing protein	not DE	not DE	7.72438	0.00125
EVM0014030	LG5	ankyrin repeat-containing protein	not DE	not DE	not DE	not DE
EVM0013578	LG5	anthocyanidin 3-O-glucoside	not DE	not DE	not DE	not DE
EVM0020415	LG5	anthocyanidin 3-O-glucoside	not DE	not DE	not DE	not DE
EVM0010306	LG5	apolipoprotein D-like	not DE	not DE	not DE	not DE
EVM0016819	LG5	apoptosis inhibitor 5-like	not DE	not DE	not DE	not DE
EVM0023799	LG5	aquaporin NIP1-1	not DE	not DE	not DE	not DE
EVM0002016	LG5	aspartic proteinase-like isoform	not DE	not DE	not DE	not DE
EVM0023255	LG5	autophagy-related protein 8C	not DE	not DE	not DE	not DE
EVM0003977	LG5	auxin response factor 6-like	not DE	not DE	not DE	not DE
EVM0017294	LG5	beta-amylase 7-like isoform	not DE	not DE	not DE	not DE
EVM0024222	LG5	beta-galactosidase 6-like isoform	not DE	not DE	not DE	not DE
EVM0023060	LG5	beta-galactosidase 8-like	not DE	not DE	not DE	not DE
EVM0018233	LG5	beta-glucosidase 46-like	not DE	not DE	not DE	not DE
EVM0023895	LG5	beta-glucosidase 47-like isoform	not DE	not DE	not DE	not DE
EVM0004729	LG5	bidirectional sugar transporter	2.786101	3.89E-23	1.106018	0.02109
EVM0018244	LG5	bifunctional epoxide hydrolase	not DE	not DE	not DE	not DE
EVM0021625	LG5	bifunctional riboflavin kinase	not DE	not DE	not DE	not DE
EVM0015524	LG5	caffeoylshikimate esterase-like	not DE	not DE	not DE	not DE
EVM0022301	LG5	calcineurin subunit B-like isoform	not DE	not DE	not DE	not DE
EVM0016815	LG5	calcium-dependent protein kinase	not DE	not DE	not DE	not DE
EVM0016871	LG5	cationic amino acid transporter	not DE	not DE	not DE	not DE
EVM0019901	LG5	cationic amino acid transporter	not DE	not DE	not DE	not DE
EVM0013181	LG5	cell division cycle protein	not DE	not DE	not DE	not DE
EVM0018668	LG5	chaperonin 60 subunit alpha	not DE	not DE	not DE	not DE
EVM0012174	LG5	chitin elicitor receptor kinase	not DE	not DE	not DE	not DE
EVM0004016	LG5	chitotriosidase-1-like	4.962286	0.001143	not DE	not DE
EVM0002055	LG5	clathrin light chain 1-like	not DE	not DE	not DE	not DE
EVM0007894	LG5	coatomer subunit delta-like	not DE	not DE	not DE	not DE
EVM0008473	LG5	cold-inducible RNA-binding protein	not DE	not DE	not DE	not DE
EVM0001472	LG5	conserved oligomeric Golgi complex	not DE	not DE	not DE	not DE
EVM0016883	LG5	conserved oligomeric Golgi complex	not DE	not DE	not DE	not DE
EVM0000454	LG5	cullin-4-like isoform X1	not DE	not DE	not DE	not DE
EVM0011882	LG5	cullin-4-like isoform X1	not DE	not DE	-3.55436	#####

EVM0015925	LG5	cyclin-D-binding Myb-like tr	not DE	not DE	not DE	not DE
EVM0009942	LG5	cyclin-T1-5-like	not DE	not DE	not DE	not DE
EVM0015988	LG5	cysteine proteinase inhibitor	not DE	not DE	not DE	not DE
EVM0011007	LG5	cysteine-rich receptor-like	not DE	not DE	not DE	not DE
EVM0001217	LG5	cysteine-rich receptor-like	not DE	not DE	not DE	not DE
EVM0008401	LG5	cysteine-rich receptor-like	not DE	not DE	not DE	not DE
EVM0009860	LG5	cysteine-rich receptor-like	not DE	not DE	not DE	not DE
EVM0012169	LG5	cysteine-rich receptor-like	not DE	not DE	not DE	not DE
EVM0017128	LG5	cysteine-rich receptor-like	not DE	not DE	not DE	not DE
EVM0019726	LG5	cysteine-rich receptor-like	not DE	not DE	not DE	not DE
EVM0017062	LG5	cysteine-rich receptor-like	not DE	not DE	not DE	not DE
EVM0000432	LG5	cytochrome c6, chloroplastid	-1.91697	0.009081	not DE	not DE
EVM0006078	LG5	cytosolic sulfotransferase l	not DE	not DE	not DE	not DE
EVM0002300	LG5	cytosolic sulfotransferase l	not DE	not DE	not DE	not DE
EVM0011274	LG5	cytosolic sulfotransferase l	not DE	not DE	not DE	not DE
EVM0005016	LG5	cytosolic sulfotransferase l	not DE	not DE	not DE	not DE
EVM0019410	LG5	dicer-like protein 4-like is	not DE	not DE	not DE	not DE
EVM0002804	LG5	disease resistance protein A	not DE	not DE	not DE	not DE
EVM0024666	LG5	dnaJ homolog subfamily C mem	not DE	not DE	not DE	not DE
EVM0020923	LG5	dof zinc finger protein DOF4	not DE	not DE	not DE	not DE
EVM0022483	LG5	endoglucanase 12	not DE	not DE	not DE	not DE
EVM0009510	LG5	enhancer of polycomb homolog	not DE	not DE	not DE	not DE
EVM0021544	LG5	equilibrative nucleotide tran	not DE	not DE	not DE	not DE
EVM0007694	LG5	ethylene-responsive transcri	not DE	not DE	-1.79103	#####
EVM0020391	LG5	eukaryotic translation initi	not DE	not DE	-1.05911	#####
EVM0014073	LG5	exocyst complex component EX	not DE	not DE	not DE	not DE
EVM0017406	LG5	exonuclease 1-like	not DE	not DE	not DE	not DE
EVM0012648	LG5	fatty acid 2-hydroxylase 2-l	not DE	not DE	not DE	not DE
EVM0016047	LG5	flagellar attachment zone pr	not DE	not DE	not DE	not DE
EVM0012113	LG5	general transcription factor	not DE	not DE	not DE	not DE
EVM0012712	LG5	gibberellin 2-beta-dioxygena	not DE	not DE	not DE	not DE
EVM0021145	LG5	gibberellin 20 oxidase 1-D-l	not DE	not DE	not DE	not DE
EVM0016874	LG5	glucan endo-1,3-beta-glucosi	not DE	not DE	not DE	not DE
EVM0009245	LG5	glucose-induced degradation	not DE	not DE	not DE	not DE
EVM0008944	LG5	glutamate receptor 2.8-like	not DE	not DE	not DE	not DE
EVM0024284	LG5	glutamate receptor 2.8-like	not DE	not DE	not DE	not DE
EVM0006602	LG5	glutamate receptor 2.9-like	not DE	not DE	not DE	not DE
EVM0012131	LG5	glutaredoxin-C9-like	not DE	not DE	not DE	not DE
EVM0020645	LG5	glycerophosphodiester phosph	not DE	not DE	not DE	not DE
EVM0012442	LG5	heat shock 70 kDa protein 16	not DE	not DE	not DE	not DE
EVM0006645	LG5	heat stress transcription fa	not DE	not DE	not DE	not DE
EVM0023094	LG5	hemiasterlin resistant prote	not DE	not DE	not DE	not DE
EVM0007884	LG5	heptahelical transmembrane p	-1.47762	0.013278	-1.48828	0.00956
EVM0024595	LG5	histone-lysine N-methyltrans	not DE	not DE	not DE	not DE
EVM0006102	LG5	homeobox-leucine zipper prot	-1.27031	0.036169	not DE	not DE
EVM0020286	LG5	internal alternative NAD(P)H	not DE	not DE	not DE	not DE
EVM0006722	LG5	katanin p80 WD40 repeat-cont	not DE	not DE	not DE	not DE
EVM0015543	LG5	lecithin-cholesterol acyltra	1.221646	0.042856	not DE	not DE
EVM0001225	LG5	leucine aminopeptidase 1-lik	not DE	not DE	not DE	not DE
EVM0022681	LG5	leucine-rich repeat receptor	not DE	not DE	not DE	not DE
EVM0007801	LG5	malonyl-CoA decarboxylase, m	not DE	not DE	not DE	not DE
EVM0000832	LG5	mediator-associated protein	not DE	not DE	not DE	not DE
EVM0017325	LG5	membrane-bound transcription	not DE	not DE	not DE	not DE
EVM0008169	LG5	metalloendoprotease 1-like	not DE	not DE	not DE	not DE

EVM0013207	LG5	microfibrillar-associated protein	not DE	not DE	not DE	not DE
EVM0016938	LG5	mitochondrial arginine transporter	not DE	not DE	not DE	not DE
EVM0019064	LG5	mitochondrial inner membrane protein	not DE	not DE	not DE	not DE
EVM0013272	LG5	mitochondrial translocator associated protein	not DE	not DE	not DE	not DE
EVM0017417	LG5	monothiol glutaredoxin-S17-like	not DE	not DE	not DE	not DE
EVM0011396	LG5	myb-related protein Myb4-like	not DE	not DE	not DE	not DE
EVM0010221	LG5	nicotinamide mononucleotide	not DE	not DE	not DE	not DE
EVM0010522	LG5	nuclear transcription factor	not DE	not DE	not DE	not DE
EVM0021947	LG5	nucleobase-ascorbate transporter	not DE	not DE	not DE	not DE
EVM0009461	LG5	nucleoporin Nup43-like	not DE	not DE	not DE	not DE
EVM0003838	LG5	obg-like ATPase 1-like	not DE	not DE	not DE	not DE
EVM0011102	LG5	oxygen-evolving enhancer protein	-2.23965	0.006056	not DE	not DE
EVM0021859	LG5	p21-activated protein kinase	not DE	not DE	not DE	not DE
EVM0010123	LG5	patatin group M-2-like	not DE	not DE	not DE	not DE
EVM0012382	LG5	patatin group M-2-like	not DE	not DE	not DE	not DE
EVM0017413	LG5	patatin group M-2-like	not DE	not DE	not DE	not DE
EVM0018342	LG5	patatin group M-2-like	not DE	not DE	not DE	not DE
EVM0022736	LG5	patatin group M-2-like	not DE	not DE	not DE	not DE
EVM0007853	LG5	pathogenesis-related protein	-5.32967	0.00012	2.480106	0.03346
EVM0004309	LG5	pentatricopeptide repeat-containing	2.131922	0.009746	not DE	not DE
EVM0005179	LG5	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0020478	LG5	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0017455	LG5	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0009337	LG5	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0013256	LG5	pentatricopeptide repeat-containing	1.868786	0.000871	not DE	not DE
EVM0011597	LG5	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0001577	LG5	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0008996	LG5	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0005996	LG5	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0002961	LG5	peroxidase 42	not DE	not DE	not DE	not DE
EVM0015855	LG5	peroxidase 7-like	not DE	not DE	not DE	not DE
EVM0010928	LG5	peroxisomal 2,4-dienoyl-CoA	not DE	not DE	not DE	not DE
EVM0002779	LG5	peroxisomal ATPase pex1-like	not DE	not DE	not DE	not DE
EVM0014250	LG5	peroxisomal ATPase pex1-like	not DE	not DE	not DE	not DE
EVM0019028	LG5	peroxisomal membrane protein	not DE	not DE	not DE	not DE
EVM0019059	LG5	peroxisome biogenesis protein	not DE	not DE	-1.11464	#####
EVM0001380	LG5	phosphatase IMPL1, chloroplast	not DE	not DE	not DE	not DE
EVM0018651	LG5	phospho-N-acetylmuramoyl-peptide	not DE	not DE	not DE	not DE
EVM0015149	LG5	phospholipase A1-Igamma3, chloroplast	not DE	not DE	not DE	not DE
EVM0021518	LG5	pistil-specific extensin-like	not DE	not DE	not DE	not DE
EVM0004327	LG5	plasma membrane-associated protein	not DE	not DE	not DE	not DE
EVM0014736	LG5	plastid-lipid-associated protein	not DE	not DE	not DE	not DE
EVM0017443	LG5	plastid-lipid-associated protein	not DE	not DE	not DE	not DE
EVM0012342	LG5	polygalacturonase QRT3-like	not DE	not DE	not DE	not DE
EVM0015324	LG5	potassium transporter 10-like	not DE	not DE	not DE	not DE
EVM0023579	LG5	pre-mRNA-splicing factor SYF	not DE	not DE	not DE	not DE
EVM0001627	LG5	probable 3-hydroxyisobutyrate	not DE	not DE	not DE	not DE
EVM0000488	LG5	probable ADP-ribosylation factor	not DE	not DE	not DE	not DE
EVM0011150	LG5	probable ATP-dependent RNA helicase	not DE	not DE	not DE	not DE
EVM0021455	LG5	probable CCR4-associated factor	-1.1287	0.000706	not DE	not DE
EVM0001341	LG5	probable LRR receptor-like signaling	not DE	not DE	not DE	not DE
EVM0006739	LG5	probable LRR receptor-like signaling	not DE	not DE	not DE	not DE
EVM0020583	LG5	probable LRR receptor-like signaling	not DE	not DE	not DE	not DE
EVM0011120	LG5	probable LRR receptor-like signaling	not DE	not DE	not DE	not DE



EVM0024234	LG5	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0022248	LG5	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0001156	LG5	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0004413	LG5	probable alpha, alpha-trehalo	not DE	not DE	not DE	not DE
EVM0020138	LG5	probable beta-1,3-galactosyl	not DE	not DE	not DE	not DE
EVM0004712	LG5	probable beta-1,3-galactosyl	not DE	not DE	not DE	not DE
EVM0002719	LG5	probable beta-D-xylosidase 5	not DE	not DE	not DE	not DE
EVM0018161	LG5	probable cardiolipin synthas	not DE	not DE	not DE	not DE
EVM0010483	LG5	probable cyclic nucleotide-g	not DE	not DE	not DE	not DE
EVM0011081	LG5	probable disease resistance	not DE	not DE	not DE	not DE
EVM0002794	LG5	probable glycosyltransferase	not DE	not DE	not DE	not DE
EVM0006114	LG5	probable leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0019847	LG5	probable leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0019308	LG5	probable lysine-specific dem	not DE	not DE	not DE	not DE
EVM0007835	LG5	probable phenylalanine--tRNA	not DE	not DE	not DE	not DE
EVM0011149	LG5	probable phosphatase C1620.1	-1.10568	0.019296	not DE	not DE
EVM0001267	LG5	probable purine permease 9	not DE	not DE	not DE	not DE
EVM0010493	LG5	probable purine permease 9	not DE	not DE	not DE	not DE
EVM0005351	LG5	probable purine permease 9-l	not DE	not DE	not DE	not DE
EVM0010177	LG5	probable purine permease 9-l	not DE	not DE	not DE	not DE
EVM0007436	LG5	probable pyruvate, phosphate	not DE	not DE	not DE	not DE
EVM0012674	LG5	probable receptor-like serin	not DE	not DE	not DE	not DE
EVM0024599	LG5	probable ribose-5-phosphate	-1.50197	0.016251	not DE	not DE
EVM0007817	LG5	probable ubiquitin-conjugati	not DE	not DE	not DE	not DE
EVM0020749	LG5	probable xyloglucan endotran	not DE	not DE	not DE	not DE
EVM0009176	LG5	probable xyloglucan endotran	not DE	not DE	not DE	not DE
EVM0014560	LG5	probable xyloglucan endotran	-3.50527	0.000373	not DE	not DE
EVM0013277	LG5	probable zinc transporter 10	not DE	not DE	not DE	not DE
EVM0014924	LG5	probably inactive leucine-ri	not DE	not DE	not DE	not DE
EVM0006256	LG5	proline synthase co-transcri	not DE	not DE	not DE	not DE
EVM0007627	LG5	protease Do-like 10, mitoch	not DE	not DE	not DE	not DE
EVM0007846	LG5	protease Do-like 10, mitoch	not DE	not DE	not DE	not DE
EVM0003791	LG5	protein CHUP1, chloroplasti	not DE	not DE	not DE	not DE
EVM0011259	LG5	protein FAR-RED IMPAIRED RES	not DE	not DE	not DE	not DE
EVM0018430	LG5	protein FAR-RED IMPAIRED RES	not DE	not DE	not DE	not DE
EVM0008457	LG5	protein FAR-RED IMPAIRED RES	not DE	not DE	not DE	not DE
EVM0006878	LG5	protein FAR1-RELATED SEQUENC	not DE	not DE	not DE	not DE
EVM0002735	LG5	protein FEZ-like	not DE	not DE	not DE	not DE
EVM0010325	LG5	protein IQ-DOMAIN 1-like isc	not DE	not DE	not DE	not DE
EVM0022890	LG5	protein LSD1	not DE	not DE	not DE	not DE
EVM0006206	LG5	protein NAPI1-like	not DE	not DE	not DE	not DE
EVM0010898	LG5	protein NDR1-like	not DE	not DE	not DE	not DE
EVM0016828	LG5	protein OSB2, chloroplasti	not DE	not DE	not DE	not DE
EVM0020882	LG5	protein PHLOEM PROTEIN 2-LIK	not DE	not DE	1.034453	#####
EVM0011013	LG5	protein PHLOEM PROTEIN 2-LIK	not DE	not DE	1.246618	0.02587
EVM0012444	LG5	protein RALF-like 19	not DE	not DE	not DE	not DE
EVM0013408	LG5	protein ROOT HAIR DEFECTIVE	not DE	not DE	not DE	not DE
EVM0011018	LG5	protein SMG7L-like	1.693894	4.98E-05	not DE	not DE
EVM0002720	LG5	protein SRG1	not DE	not DE	not DE	not DE
EVM0004620	LG5	protein SRG1	not DE	not DE	not DE	not DE
EVM0010652	LG5	protein SRG1	not DE	not DE	not DE	not DE
EVM0012913	LG5	protein SRG1	not DE	not DE	not DE	not DE
EVM0024382	LG5	protein SRG1	not DE	not DE	not DE	not DE
EVM0003385	LG5	protein SRG1-like	not DE	not DE	not DE	not DE

EVM0013513	LG5	protein SRG1-like	not DE	not DE	not DE	not DE
EVM0021405	LG5	protein SRG1-like	not DE	not DE	not DE	not DE
EVM0013206	LG5	protein SRG1-like isoform X1	not DE	not DE	not DE	not DE
EVM0011202	LG5	protein STICHEL-like 3-like	not DE	not DE	not DE	not DE
EVM0014017	LG5	protein STRUBBELIG-RECEPTOR	not DE	not DE	not DE	not DE
EVM0004475	LG5	protein STRUBBELIG-like	not DE	not DE	not DE	not DE
EVM0022497	LG5	protein TRANSPARENT TESTA 12	not DE	not DE	not DE	not DE
EVM0008358	LG5	protein WEAK CHLOROPLAST MOV	not DE	not DE	not DE	not DE
EVM0018551	LG5	protein YLS9-like	not DE	not DE	not DE	not DE
EVM0010416	LG5	protein rtoA-like	not DE	not DE	not DE	not DE
EVM0022105	LG5	protein rtoA-like	not DE	not DE	not DE	not DE
EVM0010455	LG5	protein transport protein Sen	not DE	not DE	not DE	not DE
EVM0024648	LG5	putative E3 ubiquitin-protein	not DE	not DE	not DE	not DE
EVM0023274	LG5	putative E3 ubiquitin-protein	not DE	not DE	not DE	not DE
EVM0018654	LG5	putative E3 ubiquitin-protein	not DE	not DE	not DE	not DE
EVM0003266	LG5	putative PAP-specific phosph	not DE	not DE	not DE	not DE
EVM0000705	LG5	putative cysteine-rich recep	4.271371	0.00325	not DE	not DE
EVM0010282	LG5	putative cysteine-rich recep	not DE	not DE	not DE	not DE
EVM0019425	LG5	putative cysteine-rich recep	not DE	not DE	not DE	not DE
EVM0005430	LG5	putative germin-like protein	not DE	not DE	not DE	not DE
EVM0021287	LG5	putative germin-like protein	not DE	not DE	not DE	not DE
EVM0012519	LG5	putative germin-like protein	not DE	not DE	not DE	not DE
EVM0023917	LG5	putative hydrolase C777.06c-	not DE	not DE	not DE	not DE
EVM0022662	LG5	putative leucine--tRNA ligas	not DE	not DE	not DE	not DE
EVM0007623	LG5	putative leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0020706	LG5	putative leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0012380	LG5	putative phosphatidylinosit	not DE	not DE	not DE	not DE
EVM0013000	LG5	putative secretory carrier-a	not DE	not DE	not DE	not DE
EVM0021427	LG5	putative tyrosine-protein ph	not DE	not DE	not DE	not DE
EVM0020445	LG5	putative vesicle-associated	not DE	not DE	not DE	not DE
EVM0011091	LG5	pyruvate dehydrogenase E1 co	not DE	not DE	not DE	not DE
EVM0008560	LG5	ras-related protein RAB1d-l	not DE	not DE	not DE	not DE
EVM0023533	LG5	ras-related protein RAB1f-l	not DE	not DE	not DE	not DE
EVM0009010	LG5	receptor-like protein kinase	not DE	not DE	not DE	not DE
EVM0006388	LG5	receptor-like serine/threoni	not DE	not DE	not DE	not DE
EVM0012984	LG5	receptor-like serine/threoni	not DE	not DE	not DE	not DE
EVM0004944	LG5	reticuline oxidase-like prot	not DE	not DE	not DE	not DE
EVM0009522	LG5	reticuline oxidase-like prot	not DE	not DE	not DE	not DE
EVM0010532	LG5	reticuline oxidase-like prot	not DE	not DE	not DE	not DE
EVM0023246	LG5	ribosomal RNA-processing pro	not DE	not DE	not DE	not DE
EVM0000260	LG5	serine carboxypeptidase-like	not DE	not DE	not DE	not DE
EVM0008063	LG5	serine hydroxymethyltransfer	not DE	not DE	not DE	not DE
EVM0016978	LG5	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0006442	LG5	serine/threonine-protein kin	-1.2688	0.004577	not DE	not DE
EVM0008218	LG5	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0010245	LG5	serine/threonine-protein ph	not DE	not DE	not DE	not DE
EVM0018217	LG5	shaggy-related protein kinas	not DE	not DE	not DE	not DE
EVM0024185	LG5	shikimate 0-hydroxycinnamoyl	not DE	not DE	not DE	not DE
EVM0012854	LG5	soluble starch synthase 3, c	not DE	not DE	not DE	not DE
EVM0000573	LG5	sphingolipid delta(4)-desatu	not DE	not DE	not DE	not DE
EVM0022052	LG5	splicing factor 3B subunit 2	not DE	not DE	not DE	not DE
EVM0012352	LG5	subtilisin-like protease-lik	not DE	not DE	not DE	not DE
EVM0008307	LG5	sugar transport protein 1-li	not DE	not DE	-1.37943	0.01188
EVM0003026	LG5	sugar transport protein 7-li	not DE	not DE	not DE	not DE

EVM0000189	LG5	sulfiredoxin, chloroplastic/	not DE	not DE	not DE	not DE
EVM0000235	LG5	sulfiredoxin, chloroplastic/	not DE	not DE	not DE	not DE
EVM0004735	LG5	sulfiredoxin, chloroplastic/	not DE	not DE	not DE	not DE
EVM0000874	LG5	syntaxin-22-like isoform X1	not DE	not DE	not DE	not DE
EVM0000801	LG5	thioredoxin O2, mitochondria	not DE	not DE	not DE	not DE
EVM0003118	LG5	tobamovirus multiplication p	not DE	not DE	not DE	not DE
EVM0022765	LG5	trafficking protein particle	not DE	not DE	not DE	not DE
EVM0011992	LG5	transcription factor CPC-like	not DE	not DE	not DE	not DE
EVM0004584	LG5	transcription factor GTE1-li	not DE	not DE	not DE	not DE
EVM0005556	LG5	transcription factor ILR3-li	not DE	not DE	1.366193	#####
EVM0013565	LG5	transcription factor VOZ1-li	not DE	not DE	not DE	not DE
EVM0016687	LG5	transcription factor bHLH112	not DE	not DE	not DE	not DE
EVM0001590	LG5	transforming growth factor-b	not DE	not DE	not DE	not DE
EVM0008213	LG5	transmembrane protein 56-B-1	-1.18094	0.045626	not DE	not DE
EVM0006024	LG5	transposon Ty3-G Gag-Pol pol	not DE	not DE	not DE	not DE
EVM0004967	LG5	tubulin beta chain-like	not DE	not DE	not DE	not DE
EVM0022836	LG5	two-component response regul	not DE	not DE	not DE	not DE
EVM0004373	LG5	type II inositol 1,4,5-trisp	not DE	not DE	not DE	not DE
EVM0001911	LG5	tyrosine/DOPA decarboxylase	not DE	not DE	not DE	not DE
EVM0001170	LG5	ubiquinol oxidase 4, chlorop	not DE	not DE	not DE	not DE
EVM0009940	LG5	ubiquinol oxidase 4, chlorop	not DE	not DE	not DE	not DE
EVM0006159	LG5	ubiquitin carboxyl-terminal	not DE	not DE	not DE	not DE
EVM0001596	LG5	ubiquitin-like modifier-acti	not DE	not DE	not DE	not DE
EVM0006570	LG5	uncharacterized GPI-anchored	not DE	not DE	not DE	not DE
EVM0020092	LG5	uncharacterized GPI-anchored	not DE	not DE	not DE	not DE
EVM0015125	LG5	uncharacterized membrane pro	not DE	not DE	not DE	not DE
EVM0020769	LG5	uncharacterized membrane pro	1.743273	0.001843	not DE	not DE
EVM0022739	LG5	uncharacterized protein Atlg	not DE	not DE	not DE	not DE
EVM0001053	LG5	uncharacterized protein At4g	not DE	not DE	not DE	not DE
EVM0013182	LG5	uncharacterized protein At4g	not DE	not DE	not DE	not DE
EVM0002925	LG5	uncharacterized protein At4g	not DE	not DE	not DE	not DE
EVM0010530	LG5	uncharacterized protein At4g	not DE	not DE	not DE	not DE
EVM0019773	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010059	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009671	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001101	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005367	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004648	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009009	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010664	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015331	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006419	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018561	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022767	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004677	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002768	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004765	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014094	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021697	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012037	LG5	uncharacterized protein LOC1	2.173783	0.026066	not DE	not DE
EVM0016158	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011674	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023517	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013614	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE

EVM0024431	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008056	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023554	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003784	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022783	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007393	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024651	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011001	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004856	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001990	LG5	uncharacterized protein LOC1	-1.40993	0.006514	not DE	not DE
EVM0019707	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006201	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015952	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020073	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017895	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018676	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008617	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004902	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008712	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010868	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015420	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012327	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015666	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011675	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022588	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022217	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004734	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016953	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006718	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017847	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005156	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011851	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013102	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024188	LG5	uncharacterized protein LOC1	1.178685	0.001427	not DE	not DE
EVM0002527	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023812	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023822	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008638	LG5	uncharacterized protein LOC1	not DE	not DE	-1.06816	0.00134
EVM0017457	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011338	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014200	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014402	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003930	LG5	uncharacterized protein LOC1	-1.33148	0.019264	not DE	not DE
EVM0011886	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006684	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000472	LG5	uncharacterized protein LOC1	-2.6079	5.57E-08	not DE	not DE
EVM0008883	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012350	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023393	LG5	uncharacterized protein LOC1	1.365604	0.00044	not DE	not DE
EVM0019890	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003282	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007594	LG5	uncharacterized protein LOC1	-1.24425	0.042321	not DE	not DE
EVM0019373	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022401	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE

EVM0009990	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005574	LG5	uncharacterized protein LOC1	not DE	not DE	1.061634	0.0434
EVM0018603	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004153	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019965	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000842	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015237	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022050	LG5	uncharacterized protein LOC1	not DE	not DE	-2.99692	0.00595
EVM0003406	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015233	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006840	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000654	LG5	uncharacterized protein LOC1	not DE	not DE	-1.1291	0.00865
EVM0003801	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013067	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001432	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007600	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023142	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013403	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001426	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019807	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006972	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011678	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023071	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005323	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016519	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018200	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007429	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023455	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012704	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010698	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007230	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005108	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015100	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019535	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020228	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008363	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013567	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003302	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019739	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006440	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007990	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020807	LG5	uncharacterized protein LOC1	not DE	not DE	-1.67043	0.00048
EVM0018587	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008435	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011772	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017663	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004271	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019169	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010999	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001865	LG5	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001759	LG5	urease accessory protein D-1	not DE	not DE	not DE	not DE
EVM0015425	LG5	urease accessory protein D-1	not DE	not DE	not DE	not DE
EVM0019291	LG5	vacuolar iron transporter hc	not DE	not DE	not DE	not DE
EVM0015290	LG5	vacuolar protein sorting-ass	not DE	not DE	1.87922	0.0015

EVM0010090	LG5	vignain-like	not DE	not DE	not DE	not DE
EVM0018289	LG5	xyloglucan endotransglucosyl	not DE	not DE	not DE	not DE
EVM0000682	LG5	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0018444	LG5	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0019086	LG5	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0002594	LG5	zinc finger protein 2-like	not DE	not DE	not DE	not DE
EVM0008792	LG5	zingipain-2-like	not DE	not DE	-2.65707	0.02422
EVM0002360	LG5	1,6-rhamnosyltransferase	not DE	not DE	not DE	not DE
EVM0022152	LG5	1,6-rhamnosyltransferase	not DE	not DE	not DE	not DE
EVM0003446	LG5	20S proteasome alpha subunit	not DE	not DE	not DE	not DE
EVM0005758	LG5	20S proteasome alpha subunit	not DE	not DE	not DE	not DE
EVM0009982	LG5	40S ribosomal protein S5, put	not DE	not DE	not DE	not DE
EVM0000467	LG5	60S ribosomal protein L32, pu	not DE	not DE	not DE	not DE
EVM0000034	LG5	ADP-ribosylation factor 3 isc	not DE	not DE	not DE	not DE
EVM0019360	LG5	AFG1-like ATPase family prote	not DE	not DE	not DE	not DE
EVM0011093	LG5	AICARFT/IMPCHase bienzyme fam	not DE	not DE	not DE	not DE
EVM0002157	LG5	AP2/B3-like transcriptional f	not DE	not DE	not DE	not DE
EVM0001099	LG5	ATP synthase CF0 subunit I (c	-2.50569	0.011724	not DE	not DE
EVM0020295	LG5	ATPase 6 family protein	not DE	not DE	not DE	not DE
EVM0007086	LG5	Agamous-like MADS-box protein	not DE	not DE	not DE	not DE
EVM0016690	LG5	Agamous-like MADS-box protein	not DE	not DE	not DE	not DE
EVM0019811	LG5	Agamous-like MADS-box protein	not DE	not DE	not DE	not DE
EVM0015368	LG5	Aldolase-type TIM barrel fami	not DE	not DE	not DE	not DE
EVM0000096	LG5	Alpha-mannosidase 3 isoform l	not DE	not DE	not DE	not DE
EVM0010650	LG5	Alpha/beta-Hydrolases superfam	not DE	not DE	not DE	not DE
EVM0013802	LG5	Alpha/beta-Hydrolases superfam	not DE	not DE	not DE	not DE
EVM0020744	LG5	Ankyrin repeat-containing pro	not DE	not DE	not DE	not DE
EVM0002741	LG5	Aquaporin NIP1.1, putative	not DE	not DE	not DE	not DE
EVM0005153	LG5	Aquaporin NIP1.1, putative	not DE	not DE	not DE	not DE
EVM0005726	LG5	Aquaporin NIP1.1, putative	not DE	not DE	not DE	not DE
EVM0005899	LG5	Aquaporin NIP1.1, putative	not DE	not DE	not DE	not DE
EVM0008125	LG5	Aquaporin NIP1.1, putative	not DE	not DE	not DE	not DE
EVM0008598	LG5	Aquaporin NIP1.1, putative	not DE	not DE	not DE	not DE
EVM0009024	LG5	Aquaporin NIP1.1, putative	not DE	not DE	not DE	not DE
EVM0011984	LG5	Aquaporin NIP1.1, putative	not DE	not DE	not DE	not DE
EVM0012007	LG5	Aquaporin NIP1.1, putative	not DE	not DE	not DE	not DE
EVM0012468	LG5	Aquaporin NIP1.1, putative	not DE	not DE	not DE	not DE
EVM0012567	LG5	Aquaporin NIP1.1, putative	not DE	not DE	not DE	not DE
EVM0013927	LG5	Aquaporin NIP1.1, putative	-1.04899	0.005517	not DE	not DE
EVM0015027	LG5	Aquaporin NIP1.1, putative	not DE	not DE	not DE	not DE
EVM0021698	LG5	Aquaporin NIP1.1, putative	not DE	not DE	not DE	not DE
EVM0022774	LG5	Aquaporin NIP1.1, putative	not DE	not DE	not DE	not DE
EVM0016000	LG5	At4g21310p-like protein	not DE	not DE	not DE	not DE
EVM0011764	LG5	Auxin-responsive family prote	not DE	not DE	not DE	not DE
EVM0001059	LG5	B-cell receptor-associated 31	not DE	not DE	not DE	not DE
EVM0008892	LG5	BZIP domain class transcripti	not DE	not DE	not DE	not DE
EVM0003780	LG5	Beta-glucosidase G4	not DE	not DE	not DE	not DE
EVM0005195	LG5	Beta-lactamase-like protein E	not DE	not DE	not DE	not DE
EVM0021399	LG5	Beta-lactamase-like protein E	not DE	not DE	not DE	not DE
EVM0005897	LG5	BnaC07g35050D	not DE	not DE	not DE	not DE
EVM0002528	LG5	Brain 44	not DE	not DE	not DE	not DE
EVM0006532	LG5	C-terminal cysteine residue i	1.304596	0.009698	not DE	not DE
EVM0010458	LG5	CBL-interacting protein kinas	not DE	not DE	1.185951	0.04496
EVM0018434	LG5	CBL-interacting protein kinas	not DE	not DE	not DE	not DE

EVM0008018	LG5	CBL-interacting serine/threonine	not DE	not DE	not DE	not DE
EVM0007822	LG5	CONSTANS-like protein	not DE	not DE	not DE	not DE
EVM0024439	LG5	Cak assembly factor, putative	not DE	not DE	not DE	not DE
EVM0017469	LG5	Carbohydrate-binding X8 domain	not DE	not DE	not DE	not DE
EVM0004428	LG5	Cationic amino acid transporter	not DE	not DE	not DE	not DE
EVM0023583	LG5	Cationic amino acid transporter	not DE	not DE	not DE	not DE
EVM0009140	LG5	Chlororespiratory reduction 6	not DE	not DE	not DE	not DE
EVM0017013	LG5	Copper-exporting ATPase / res	not DE	not DE	not DE	not DE
EVM0007458	LG5	Cysteine-rich RLK 30, putative	not DE	not DE	not DE	not DE
EVM0008632	LG5	Cysteine-rich RLK 34, putative	not DE	not DE	not DE	not DE
EVM0018125	LG5	Cysteine-rich RLK 34, putative	not DE	not DE	not DE	not DE
EVM0012431	LG5	Cytochrome P450, family 710,	not DE	not DE	not DE	not DE
EVM0015912	LG5	Cytochrome c oxidase subunit	not DE	not DE	not DE	not DE
EVM0006320	LG5	DNA/RNA polymerases superfamily	not DE	not DE	not DE	not DE
EVM0019242	LG5	DNA/RNA polymerases superfamily	not DE	not DE	not DE	not DE
EVM0021496	LG5	DNA/RNA polymerases superfamily	not DE	not DE	not DE	not DE
EVM0018577	LG5	Dehydrogenase/reductase SDR family	not DE	not DE	not DE	not DE
EVM0000428	LG5	Delay of germination 1, putative	not DE	not DE	not DE	not DE
EVM0019418	LG5	Delay of germination 1, putative	not DE	not DE	not DE	not DE
EVM0002211	LG5	Dof-domain transcription factor	not DE	not DE	not DE	not DE
EVM0002385	LG5	Drought-responsive family protein	not DE	not DE	not DE	not DE
EVM0024214	LG5	EXORDIUM like 1	not DE	not DE	2.41336	#####
EVM0001448	LG5	Early nodulin-like protein 15	not DE	not DE	not DE	not DE
EVM0001073	LG5	F-box family protein, putative	not DE	not DE	not DE	not DE
EVM0003940	LG5	F-box family protein, putative	not DE	not DE	not DE	not DE
EVM0005401	LG5	FAD-binding domain-containing	not DE	not DE	not DE	not DE
EVM0013791	LG5	FAD-binding domain-containing	not DE	not DE	not DE	not DE
EVM0006183	LG5	Fasciclin-like arabinogalactan	not DE	not DE	not DE	not DE
EVM0011608	LG5	Fimbriata	not DE	not DE	not DE	not DE
EVM0006755	LG5	Glucan endo-1,3-beta-glucosidase	not DE	not DE	not DE	not DE
EVM0009036	LG5	Glucan endo-1,3-beta-glucosidase	not DE	not DE	not DE	not DE
EVM0000934	LG5	Glutamate receptor 2.8, putative	not DE	not DE	not DE	not DE
EVM0006825	LG5	Glycolipid transfer protein (	not DE	not DE	not DE	not DE
EVM0016555	LG5	Heat shock 70 kDa protein	-2.85972	0.040259	-3.82846	#####
EVM0007795	LG5	Histone deacetylase 1 isoform	not DE	not DE	not DE	not DE
EVM0018737	LG5	Histone deacetylase 1 isoform	not DE	not DE	not DE	not DE
EVM0013139	LG5	Homeobox-3, putative	not DE	not DE	not DE	not DE
EVM0021895	LG5	Hydroxycinnamoyl CoA shikimate	not DE	not DE	not DE	not DE
EVM0008609	LG5	Inositol transporter 2 isoform	not DE	not DE	not DE	not DE
EVM0009583	LG5	JHL23J11.6	not DE	not DE	not DE	not DE
EVM0000708	LG5	Jasmonate-zim-domain protein	not DE	not DE	not DE	not DE
EVM0013090	LG5	K-box region and MADS-box tran	not DE	not DE	not DE	not DE
EVM0009318	LG5	Katanin p60 ATPase-containing	not DE	not DE	not DE	not DE
EVM0007701	LG5	LOB domain-containing 4 -like	not DE	not DE	not DE	not DE
EVM0002513	LG5	Leucine-rich repeat protein kinase	not DE	not DE	not DE	not DE
EVM0017030	LG5	Leucine-rich repeat protein kinase	not DE	not DE	not DE	not DE
EVM0010350	LG5	Leucine-rich repeat/extensin	not DE	not DE	not DE	not DE
EVM0003391	LG5	MATE efflux family protein iso	not DE	not DE	not DE	not DE
EVM0021843	LG5	Major facilitator superfamily	not DE	not DE	not DE	not DE
EVM0004514	LG5	Major facilitator superfamily	not DE	not DE	not DE	not DE
EVM0012598	LG5	Mediator of RNA polymerase II	-1.43951	0.005805	not DE	not DE
EVM0009552	LG5	Mediator of RNA polymerase II	1.005308	0.024988	not DE	not DE
EVM0023516	LG5	Minor allergen Alt a, putative	not DE	not DE	1.076781	0.03995
EVM0023846	LG5	Myb domain protein 36	not DE	not DE	not DE	not DE

EVM0002106	LG5	Myb-like HTH transcriptional	not DE	not DE	not DE	not DE
EVM0010463	LG5	Myb-like HTH transcriptional	not DE	not DE	not DE	not DE
EVM0005886	LG5	N-acetylserotonin O-methyltra	not DE	not DE	-1.18659	0.0079
EVM0016722	LG5	NAC domain containing protein	not DE	not DE	not DE	not DE
EVM0010877	LG5	NAD(P)-binding Rossmann-fold	not DE	not DE	not DE	not DE
EVM0017876	LG5	NTF2-like	not DE	not DE	not DE	not DE
EVM0001642	LG5	Na+/Pi symporter	not DE	not DE	not DE	not DE
EVM0003151	LG5	Non-intrinsic ABC protein 10	not DE	not DE	not DE	not DE
EVM0008623	LG5	Olee1-like protein	not DE	not DE	not DE	not DE
EVM0001826	LG5	PROHIBITIN 2 family protein	not DE	not DE	not DE	not DE
EVM0005591	LG5	PYR1-like 11	not DE	not DE	not DE	not DE
EVM0020432	LG5	PYR1-like 11	not DE	not DE	not DE	not DE
EVM0008349	LG5	Pectin lyase-like superfamily	not DE	not DE	not DE	not DE
EVM0024141	LG5	Peroxidase 27 precursor, puta	not DE	not DE	not DE	not DE
EVM0009080	LG5	Phosphoribosylformylglycinami	not DE	not DE	not DE	not DE
EVM0002943	LG5	Phosphosulfolactate synthase	-1.77073	2.40E-10	not DE	not DE
EVM0018208	LG5	Phytochrome E isoform 1	not DE	not DE	not DE	not DE
EVM0009500	LG5	Potassium transporter 1 isofc	not DE	not DE	not DE	not DE
EVM0011114	LG5	Protein TRANSPARENT TESTA 12	-2.2982	0.048023	not DE	not DE
EVM0008092	LG5	Protodermal factor 2 isoform	not DE	not DE	not DE	not DE
EVM0012268	LG5	Purine permease 10 isoform 1	not DE	not DE	not DE	not DE
EVM0017063	LG5	Putative xyloglucan endotrans	not DE	not DE	not DE	not DE
EVM0024489	LG5	Putative xyloglucan endotrans	not DE	not DE	not DE	not DE
EVM0003464	LG5	Pyrophosphate--fructose 6-pho	not DE	not DE	not DE	not DE
EVM0021723	LG5	Pyrophosphate--fructose 6-pho	not DE	not DE	not DE	not DE
EVM0002185	LG5	RAB geranylgeranyl transferas	not DE	not DE	not DE	not DE
EVM0009926	LG5	RING/U-box superfamily protei	not DE	not DE	not DE	not DE
EVM0014866	LG5	RING/U-box superfamily protei	not DE	not DE	not DE	not DE
EVM0000841	LG5	RNA polymerase II ctd phospho	not DE	not DE	not DE	not DE
EVM0002628	LG5	RNI superfamily protein	not DE	not DE	not DE	not DE
EVM0020331	LG5	RNI superfamily protein	not DE	not DE	not DE	not DE
EVM0018414	LG5	Receptor kinase 3	not DE	not DE	not DE	not DE
EVM0017897	LG5	Receptor-like protein kinase	not DE	not DE	not DE	not DE
EVM0006630	LG5	Reticulon family protein, put	not DE	not DE	not DE	not DE
EVM0014546	LG5	Rhythmically-expressed protei	not DE	not DE	not DE	not DE
EVM0016743	LG5	Rhythmically-expressed protei	not DE	not DE	not DE	not DE
EVM0017449	LG5	Ribosomal protein L6 family p	not DE	not DE	not DE	not DE
EVM0000088	LG5	S-locus lectin protein kinase	not DE	not DE	not DE	not DE
EVM0021607	LG5	S-locus lectin protein kinase	not DE	not DE	not DE	not DE
EVM0007265	LG5	SLAC1, putative	not DE	not DE	not DE	not DE
EVM0000031	LG5	SUPPRESSOR OF FRI4	not DE	not DE	not DE	not DE
EVM0013876	LG5	Senescence-related gene 1	not DE	not DE	not DE	not DE
EVM0015904	LG5	Senescence-related gene 1	not DE	not DE	not DE	not DE
EVM0023132	LG5	Serine carboxypeptidase-like	not DE	not DE	not DE	not DE
EVM0014888	LG5	Serine-rich protein-related	not DE	not DE	not DE	not DE
EVM0010847	LG5	Seven transmembrane MLO famil	not DE	not DE	not DE	not DE
EVM0000491	LG5	Signal recognition particle r	not DE	not DE	not DE	not DE
EVM0013738	LG5	Sodium/calcium exchanger fami	not DE	not DE	not DE	not DE
EVM0003434	LG5	Squamosa promoter binding pro	not DE	not DE	not DE	not DE
EVM0013972	LG5	Syntaxin of plants 124	not DE	not DE	not DE	not DE
EVM0014828	LG5	Tetraspanin family protein, p	not DE	not DE	not DE	not DE
EVM0014948	LG5	Tetraspanin8	4.913325	3.98E-05	not DE	not DE
EVM0007460	LG5	Tetratricopeptide repeat (TPR	not DE	not DE	not DE	not DE
EVM0017142	LG5	Thiamine thiazole synthase 2,	not DE	not DE	not DE	not DE



EVM0003759	LG5	Toprim domain-containing prot	not DE	not DE	not DE	not DE
EVM0002461	LG5	Transcription factor-related,	not DE	not DE	not DE	not DE
EVM0011084	LG5	Transcription factor-related,	not DE	not DE	not DE	not DE
EVM0017981	LG5	Transducin/WD40 repeat-like s	not DE	not DE	not DE	not DE
EVM0021595	LG5	Type-b response regulator, pu	not DE	not DE	not DE	not DE
EVM0002685	LG5	UDP-glucosyl transferase 85A2	-2.39935	0.002705	not DE	not DE
EVM0019512	LG5	UDP-glucosyl transferase 85A2	not DE	not DE	not DE	not DE
EVM0023441	LG5	UDP-glucosyl transferase 85A2	not DE	not DE	not DE	not DE
EVM0006380	LG5	UDP-glycosyltransferase 2	not DE	not DE	not DE	not DE
EVM0022674	LG5	UDP-glycosyltransferase 2	not DE	not DE	not DE	not DE
EVM0008691	LG5	UPF0051 protein ABCI8	not DE	not DE	not DE	not DE
EVM0014278	LG5	Ubiquitin domain-containing p	not DE	not DE	not DE	not DE
EVM0023911	LG5	Ubiquitin-like superfamily pr	not DE	not DE	not DE	not DE
EVM0007397	LG5	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0011133	LG5	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0004404	LG5	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0015192	LG5	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0012580	LG5	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0013995	LG5	Uncharacterized protein TCM_C	not DE	not DE	1.911057	0.00078
EVM0009880	LG5	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0015458	LG5	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0024209	LG5	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0016239	LG5	Uncharacterized protein TCM_C	not DE	not DE	1.257186	0.01639
EVM0023336	LG5	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0013143	LG5	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0004352	LG5	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0013291	LG5	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0013407	LG5	VQ motif-containing protein,	not DE	not DE	not DE	not DE
EVM0023174	LG5	Vesicle-associated 4-2 -like	not DE	not DE	not DE	not DE
EVM0001753	LG5	WD repeat domain phosphoinosi	not DE	not DE	not DE	not DE
EVM0013194	LG5	WRKY DNA-binding protein 65,	not DE	not DE	not DE	not DE
EVM0004495	LG5	WRKY family transcription fac	2.354509	0.030448	not DE	not DE
EVM0012322	LG5	WRKY transcription factor 14-	not DE	not DE	not DE	not DE
EVM0005716	LG5	WRKY29	2.151327	0.003077	not DE	not DE
EVM0001276	LG5	Xylem bark cysteine peptidase	3.565445	2.09E-05	4.978134	0.00395
EVM0001908	LG5	Xylem bark cysteine peptidase	not DE	not DE	not DE	not DE
EVM0024092	LG5	Xyloglucan endotransglucosyla	not DE	not DE	not DE	not DE
EVM0011177	LG5	Xyloglucan endotransglucosyla	not DE	not DE	not DE	not DE
EVM0024111	LG5	Xylose isomerase family prote	not DE	not DE	not DE	not DE
EVM0010706	LG5	Zinc finger C-x8-C-x5-C-x3-H	not DE	not DE	not DE	not DE
EVM0008731	LG5	anthocyanidin reductase	not DE	not DE	not DE	not DE
EVM0005081	LG5	argonaute 2	not DE	not DE	not DE	not DE
EVM0014575	LG5	auxin response factor	not DE	not DE	not DE	not DE
EVM0008058	LG5	bifunctional purine biosynthe	not DE	not DE	-1.28722	0.00686
EVM0018123	LG5	bifunctional purine biosynthe	not DE	not DE	not DE	not DE
EVM0008282	LG5	cation-chloride cotransporter	not DE	not DE	not DE	not DE
EVM0009299	LG5	chlorophyll A/B binding prote	-5.61966	5.85E-09	not DE	not DE
EVM0016797	LG5	chlorophyll A/B binding prote	-3.31578	0.000155	not DE	not DE
EVM0002702	LG5	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0002796	LG5	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0005462	LG5	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0005508	LG5	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0005787	LG5	conserved hypothetical protei	not DE	not DE	1.841131	0.00206
EVM0010296	LG5	conserved hypothetical protei	not DE	not DE	not DE	not DE

EVM0011516	LG5	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0012112	LG5	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0013745	LG5	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0014678	LG5	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0014688	LG5	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0019474	LG5	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0020974	LG5	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0021291	LG5	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0021694	LG5	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0023494	LG5	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0021554	LG5	copia LTR rider	not DE	not DE	not DE	not DE
EVM0008820	LG5	cysteine protease, putative	not DE	not DE	not DE	not DE
EVM0017424	LG5	endo-1,4-beta-glucanase	not DE	not DE	not DE	not DE
EVM0016307	LG5	eukaryotic translation initiation	not DE	not DE	not DE	not DE
EVM0006045	LG5	exocyst complex subunit SEC6,	not DE	not DE	not DE	not DE
EVM0015448	LG5	ferredoxin--NADP reductase, p	not DE	not DE	not DE	not DE
EVM0008498	LG5	gag/pol protein	not DE	not DE	not DE	not DE
EVM0018709	LG5	geranyl diphosphate synthase	not DE	not DE	not DE	not DE
EVM0007439	LG5	gibberellin 20-oxidase family	not DE	not DE	not DE	not DE
EVM0003912	LG5	gibberellin 20-oxidase, putat	not DE	not DE	not DE	not DE
EVM0017122	LG5	gibberellin 20-oxidase, putat	not DE	not DE	not DE	not DE
EVM0000196	LG5	glutamine amidotransferase cl	not DE	not DE	not DE	not DE
EVM0019727	LG5	glutamine amidotransferase cl	not DE	not DE	not DE	not DE
EVM0012338	LG5	glycosyl hydrolase family 17	4.900488	0.000242	not DE	not DE
EVM0003422	LG5	glyoxalase I homolog family p	not DE	not DE	not DE	not DE
EVM0005154	LG5	homeobox protein knotted-1, p	not DE	not DE	not DE	not DE
EVM0023349	LG5	homeobox protein knotted-1, p	not DE	not DE	not DE	not DE
EVM0010075	LG5	hypothetical protein	not DE	not DE	not DE	not DE
EVM0000968	LG5	hypothetical protein AMTR_s03	not DE	not DE	not DE	not DE
EVM0008468	LG5	hypothetical protein AMTR_s03	not DE	not DE	not DE	not DE
EVM0007434	LG5	hypothetical protein AMTR_s04	not DE	not DE	not DE	not DE
EVM0017645	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016967	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022923	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000084	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023776	LG5	hypothetical protein CICLE_v1	1.378057	0.004675	1.652264	0.00065
EVM0013665	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023998	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012742	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009910	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021369	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000341	LG5	hypothetical protein CICLE_v1	not DE	not DE	-1.60238	0.00411
EVM0000122	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010287	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017969	LG5	hypothetical protein CICLE_v1	1.004861	0.007633	not DE	not DE
EVM0011892	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015738	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022647	LG5	hypothetical protein CICLE_v1	-1.02001	0.000824	not DE	not DE
EVM0004871	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017494	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008544	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019927	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013089	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005026	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0008482	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001816	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022717	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024560	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020219	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018361	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020241	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011322	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008345	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015858	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004198	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005264	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010239	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013108	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019736	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008279	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004423	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009330	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000490	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005906	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009166	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013729	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021746	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011530	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015552	LG5	hypothetical protein CICLE_v1	not DE	not DE	1.134223	0.03964
EVM0005753	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006818	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005129	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022695	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021055	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000829	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020085	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002339	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021939	LG5	hypothetical protein CICLE_v1	not DE	not DE	1.046037	0.0179
EVM0018851	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000860	LG5	hypothetical protein CICLE_v1	-1.0158	0.014473	not DE	not DE
EVM0004032	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022030	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009030	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015575	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024483	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021043	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019180	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014183	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003307	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013918	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010913	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011692	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019919	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010364	LG5	hypothetical protein CICLE_v1	not DE	not DE	-1.62491	0.04864
EVM0005260	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008862	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015471	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016658	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0012963	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008173	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012289	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013734	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022719	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019356	LG5	hypothetical protein CICLE_v1	1.184925	1.23E-05	not DE	not DE
EVM0005715	LG5	hypothetical protein CICLE_v1	not DE	not DE	-1.05159	#####
EVM0001597	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006083	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008967	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000426	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005637	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017806	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014547	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012888	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009809	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003303	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001891	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020861	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000236	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010830	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011547	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017532	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004921	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008640	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020147	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011097	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011805	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007256	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024536	LG5	hypothetical protein CICLE_v1	1.551609	0.01649	not DE	not DE
EVM0003919	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009916	LG5	hypothetical protein CICLE_v1	1.427123	0.011175	not DE	not DE
EVM0001251	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017482	LG5	hypothetical protein CICLE_v1	1.549058	0.01328	not DE	not DE
EVM0000330	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019826	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023853	LG5	hypothetical protein CICLE_v1	not DE	not DE	-1.01138	0.00011
EVM0023912	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008860	LG5	hypothetical protein CICLE_v1	2.76467	7.62E-10	1.1003	0.03099
EVM0002636	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006266	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020825	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006217	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021451	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010975	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016278	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018980	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018590	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017747	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010451	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015889	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018188	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021774	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000510	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0004135	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017694	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016864	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001485	LG5	hypothetical protein CICLE_v1	-1.03276	0.045646	not DE	not DE
EVM0023604	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002145	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001720	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016275	LG5	hypothetical protein CICLE_v1	1.215962	6.36E-07	not DE	not DE
EVM0022264	LG5	hypothetical protein CICLE_v1	not DE	not DE	2.950983	0.04199
EVM0000966	LG5	hypothetical protein CICLE_v1	-3.1616	0.014152	-2.85401	#####
EVM0021100	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001765	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002097	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022318	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023507	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015813	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011195	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005674	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013881	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011467	LG5	hypothetical protein CICLE_v1	1.299855	0.010239	not DE	not DE
EVM0011620	LG5	hypothetical protein CICLE_v1	-1.37906	0.027071	not DE	not DE
EVM0001598	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000050	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022677	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000085	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002324	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016406	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009963	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007017	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013904	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004308	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003983	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001440	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021978	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017199	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020627	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005117	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020582	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002348	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019763	LG5	hypothetical protein CICLE_v1	-1.07208	0.000984	not DE	not DE
EVM0009331	LG5	hypothetical protein CICLE_v1	-1.26823	0.003254	not DE	not DE
EVM0005476	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017505	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011823	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018335	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005397	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007786	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002790	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023508	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013634	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009774	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005683	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015886	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010628	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0015215	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013517	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022751	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022668	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007945	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016715	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008297	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001258	LG5	hypothetical protein CICLE_v1	3.232047	0.000365	not DE	not DE
EVM0002216	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015691	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013386	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008048	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022442	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001725	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022727	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020835	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007836	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022707	LG5	hypothetical protein CICLE_v1	-3.17751	0.001415	not DE	not DE
EVM0022991	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023720	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003986	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002867	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003807	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011930	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020340	LG5	hypothetical protein CICLE_v1	-1.05738	0.00824	not DE	not DE
EVM0016580	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021015	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021187	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007246	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009171	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001569	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020001	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009978	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002972	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011969	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004193	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015036	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009086	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021924	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014462	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015065	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008327	LG5	hypothetical protein CICLE_v1	-1.59003	0.023019	not DE	not DE
EVM0016526	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012746	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019857	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015495	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024399	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011894	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022983	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003637	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024421	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011540	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004005	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016425	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE



EVM0003349	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009012	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012109	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013478	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005588	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022867	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008082	LG5	hypothetical protein CICLE_v1	-1.88868	0.000348	not DE	not DE
EVM0013276	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010688	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024447	LG5	hypothetical protein CICLE_v1	4.561329	0.000409	2.037471	0.02445
EVM0012779	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005296	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010030	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017056	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023430	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013390	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009147	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016016	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017262	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003420	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019252	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022414	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020233	LG5	hypothetical protein CICLE_v1	-7.14114	0.022748	not DE	not DE
EVM0023531	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010656	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010869	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016074	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018834	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006116	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019900	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010683	LG5	hypothetical protein CICLE_v1	-1.46053	0.001492	not DE	not DE
EVM0020442	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007981	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019175	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015728	LG5	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016587	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023188	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018623	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022948	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012965	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005386	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020845	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015086	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019494	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000576	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012288	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022246	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001943	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001898	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003633	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023757	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008700	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016380	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010640	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE





EVM0020558	LG5	hypothetical protein CISIN_1g	not DE	not DE	-2.84431	0.00113
EVM0021604	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001910	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019290	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024160	LG5	hypothetical protein CISIN_1g	not DE	not DE	2.43052	0.00088
EVM0021441	LG5	hypothetical protein CISIN_1g	1.125929	0.000346	not DE	not DE
EVM0004570	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006625	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000786	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017324	LG5	hypothetical protein CISIN_1g	not DE	not DE	1.502978	#####
EVM0018199	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016320	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008292	LG5	hypothetical protein CISIN_1g	not DE	not DE	-1.01617	#####
EVM0001407	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023970	LG5	hypothetical protein CISIN_1g	not DE	not DE	-1.04517	0.0136
EVM0017364	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003090	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001815	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007614	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007240	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020079	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022269	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023362	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006770	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006378	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016421	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017326	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017607	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014596	LG5	hypothetical protein CISIN_1g	4.743663	0.002867	not DE	not DE
EVM0021851	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010460	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003886	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010777	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017123	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021141	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021283	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017382	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003562	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010820	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020287	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012485	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004740	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016769	LG5	hypothetical protein CISIN_1g	3.678266	6.26E-05	not DE	not DE
EVM0022973	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006005	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011469	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013833	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023221	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007536	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011292	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015931	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002198	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015947	LG5	hypothetical protein CISIN_1g	-2.04755	1.48E-11	-1.05067	0.0047
EVM0007376	LG5	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0010841	LG5	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0004360	LG5	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0020232	LG5	hypothetical protein F383_237	not DE	not DE	not DE	not DE
EVM0022441	LG5	hypothetical protein JCGZ_007	not DE	not DE	not DE	not DE
EVM0010238	LG5	hypothetical protein JCGZ_013	not DE	not DE	not DE	not DE
EVM0022633	LG5	hypothetical protein JCGZ_013	not DE	not DE	not DE	not DE
EVM0008260	LG5	hypothetical protein JCGZ_018	not DE	not DE	not DE	not DE
EVM0017967	LG5	hypothetical protein JCGZ_018	not DE	not DE	not DE	not DE
EVM0014059	LG5	hypothetical protein JCGZ_043	not DE	not DE	not DE	not DE
EVM0011141	LG5	hypothetical protein JCGZ_045	not DE	not DE	not DE	not DE
EVM0021351	LG5	hypothetical protein JCGZ_045	not DE	not DE	not DE	not DE
EVM0013485	LG5	hypothetical protein JCGZ_045	not DE	not DE	not DE	not DE
EVM0018116	LG5	hypothetical protein JCGZ_046	not DE	not DE	not DE	not DE
EVM0023736	LG5	hypothetical protein JCGZ_046	-2.03633	7.07E-07	not DE	not DE
EVM0004329	LG5	hypothetical protein JCGZ_046	1.152483	0.009296	not DE	not DE
EVM0019042	LG5	hypothetical protein JCGZ_046	not DE	not DE	not DE	not DE
EVM0005924	LG5	hypothetical protein JCGZ_046	not DE	not DE	not DE	not DE
EVM0014582	LG5	hypothetical protein JCGZ_074	-2.12343	8.52E-05	not DE	not DE
EVM0000052	LG5	hypothetical protein JCGZ_091	not DE	not DE	not DE	not DE
EVM0023410	LG5	hypothetical protein JCGZ_092	not DE	not DE	1.95523	0.00754
EVM0009719	LG5	hypothetical protein JCGZ_092	not DE	not DE	not DE	not DE
EVM0001966	LG5	hypothetical protein JCGZ_092	not DE	not DE	not DE	not DE
EVM0001272	LG5	hypothetical protein JCGZ_131	not DE	not DE	not DE	not DE
EVM0007568	LG5	hypothetical protein JCGZ_131	not DE	not DE	not DE	not DE
EVM0008739	LG5	hypothetical protein JCGZ_134	not DE	not DE	not DE	not DE
EVM0018619	LG5	hypothetical protein JCGZ_134	not DE	not DE	not DE	not DE
EVM0018167	LG5	hypothetical protein JCGZ_152	not DE	not DE	not DE	not DE
EVM0010246	LG5	hypothetical protein JCGZ_153	not DE	not DE	not DE	not DE
EVM0018543	LG5	hypothetical protein JCGZ_153	not DE	not DE	not DE	not DE
EVM0006355	LG5	hypothetical protein JCGZ_169	not DE	not DE	not DE	not DE
EVM0005312	LG5	hypothetical protein JCGZ_211	not DE	not DE	not DE	not DE
EVM0019864	LG5	hypothetical protein JCGZ_212	not DE	not DE	not DE	not DE
EVM0002830	LG5	hypothetical protein JCGZ_212	not DE	not DE	not DE	not DE
EVM0003621	LG5	hypothetical protein JCGZ_212	not DE	not DE	not DE	not DE
EVM0023464	LG5	hypothetical protein JCGZ_213	not DE	not DE	not DE	not DE
EVM0005500	LG5	hypothetical protein JCGZ_213	-2.55424	0.011868	not DE	not DE
EVM0024260	LG5	hypothetical protein JCGZ_213	not DE	not DE	not DE	not DE
EVM0012578	LG5	hypothetical protein JCGZ_213	not DE	not DE	not DE	not DE
EVM0021220	LG5	hypothetical protein JCGZ_215	not DE	not DE	not DE	not DE
EVM0009542	LG5	hypothetical protein JCGZ_215	not DE	not DE	not DE	not DE
EVM0001708	LG5	hypothetical protein JCGZ_215	not DE	not DE	not DE	not DE
EVM0015982	LG5	hypothetical protein JCGZ_215	not DE	not DE	not DE	not DE
EVM0020457	LG5	hypothetical protein JCGZ_215	not DE	not DE	not DE	not DE
EVM0023478	LG5	hypothetical protein JCGZ_215	not DE	not DE	not DE	not DE
EVM0023945	LG5	hypothetical protein JCGZ_215	not DE	not DE	not DE	not DE
EVM0011374	LG5	hypothetical protein JCGZ_215	not DE	not DE	not DE	not DE
EVM0010119	LG5	hypothetical protein JCGZ_215	not DE	not DE	not DE	not DE
EVM0009002	LG5	hypothetical protein JCGZ_215	not DE	not DE	not DE	not DE
EVM0008184	LG5	hypothetical protein JCGZ_215	not DE	not DE	not DE	not DE
EVM0018300	LG5	hypothetical protein JCGZ_216	not DE	not DE	not DE	not DE
EVM0016656	LG5	hypothetical protein JCGZ_230	not DE	not DE	1.571442	0.04779
EVM0016159	LG5	hypothetical protein JCGZ_251	not DE	not DE	not DE	not DE
EVM0011370	LG5	hypothetical protein JCGZ_271	not DE	not DE	not DE	not DE
EVM0012880	LG5	hypothetical protein L484_010	not DE	not DE	1.57897	#####

EVM0002869	LG5	hypothetical protein L484_010	not DE	not DE	not DE	not DE
EVM0019647	LG5	hypothetical protein L484_011	not DE	not DE	not DE	not DE
EVM0015456	LG5	hypothetical protein L484_025	not DE	not DE	not DE	not DE
EVM0007453	LG5	hypothetical protein M569_052	not DE	not DE	not DE	not DE
EVM0020398	LG5	hypothetical protein OsJ_1888	not DE	not DE	not DE	not DE
EVM0021347	LG5	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0008595	LG5	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0018530	LG5	hypothetical protein PHAVU_00	-3.48782	0.003233	not DE	not DE
EVM0015996	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0003695	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0011756	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020725	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0007682	LG5	hypothetical protein POPTR_00	2.1481	0.000448	not DE	not DE
EVM0007667	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0017244	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0021421	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023847	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019953	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020816	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0013019	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0009829	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0001411	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020103	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019678	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019793	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0022866	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023263	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006780	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000992	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0004542	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019173	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0018237	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0001790	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0003114	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0013404	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0013812	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0001500	LG5	hypothetical protein POPTR_00	not DE	not DE	1.057359	0.00591
EVM0018352	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0008436	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0011593	LG5	hypothetical protein POPTR_00	-2.19742	0.008809	not DE	not DE
EVM0008079	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0001997	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0001006	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006481	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0021758	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0014407	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010144	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006922	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0001092	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010265	LG5	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019922	LG5	hypothetical protein POPTR_10	not DE	not DE	not DE	not DE
EVM0012632	LG5	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0016449	LG5	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0004249	LG5	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE

EVM0014807	LG5	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0000503	LG5	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0023186	LG5	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0024190	LG5	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0021384	LG5	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0007054	LG5	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0008730	LG5	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0024342	LG5	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0018865	LG5	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0005843	LG5	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0022687	LG5	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0019135	LG5	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0022525	LG5	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0018151	LG5	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0017458	LG5	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0021246	LG5	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0000996	LG5	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0017229	LG5	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0011287	LG5	hypothetical protein glysoja	not DE	not DE	not DE	not DE
EVM0006474	LG5	hypothetical protein glysoja	not DE	not DE	not DE	not DE
EVM0005602	LG5	integrase	not DE	not DE	not DE	not DE
EVM0009778	LG5	integrase	not DE	not DE	not DE	not DE
EVM0012216	LG5	integrase	not DE	not DE	not DE	not DE
EVM0015182	LG5	leucine-rich repeat family pr	not DE	not DE	not DE	not DE
EVM0007191	LG5	malate dehydrogenase, putativ	not DE	not DE	not DE	not DE
EVM0004074	LG5	maternal effect embryo arrest	not DE	not DE	not DE	not DE
EVM0017885	LG5	maternal effect embryo arrest	not DE	not DE	not DE	not DE
EVM0004015	LG5	multidrug resistance pump, pu	not DE	not DE	not DE	not DE
EVM0017809	LG5	pentatricopeptide repeat-cont	not DE	not DE	not DE	not DE
EVM0004809	LG5	plant cadmium resistance 8 -l	not DE	not DE	not DE	not DE
EVM0014328	LG5	polyphenol oxidase	9.682535	9.63E-09	not DE	not DE
EVM0017779	LG5	postsynaptic family protein	not DE	not DE	not DE	not DE
EVM0019501	LG5	protein phosphatase 2c, putat	not DE	not DE	1.045318	0.00096
EVM0009233	LG5	putative receptor-like protei	not DE	not DE	not DE	not DE
EVM0005747	LG5	putative xyloglucan endotrans	not DE	not DE	not DE	not DE
EVM0018341	LG5	putative xyloglucan endotrans	not DE	not DE	not DE	not DE
EVM0021135	LG5	remorin-3 protein	not DE	not DE	not DE	not DE
EVM0013259	LG5	retrotransposon protein, puta	not DE	not DE	not DE	not DE
EVM0015630	LG5	retrotransposon protein, puta	not DE	not DE	not DE	not DE
EVM0008773	LG5	serine-threonine protein kina	not DE	not DE	not DE	not DE
EVM0013472	LG5	serine-threonine protein kina	not DE	not DE	not DE	not DE
EVM0014814	LG5	short-chain dehydrogenase/red	not DE	not DE	not DE	not DE
EVM0016717	LG5	small nuclear ribonucleoprote	not DE	not DE	not DE	not DE
EVM0020090	LG5	small nuclear ribonucleoprote	not DE	not DE	not DE	not DE
EVM0017947	LG5	snare protein ykt6, putative	not DE	not DE	not DE	not DE
EVM0004917	LG5	transcription factor, putativ	not DE	not DE	not DE	not DE
EVM0016556	LG5	triose-phosphate transporter	not DE	not DE	not DE	not DE
EVM0017591	LG5	triose-phosphate transporter	not DE	not DE	not DE	not DE
EVM0001487	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0002187	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0004299	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0005044	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0006020	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0006781	LG5	unknown protein	not DE	not DE	not DE	not DE

EVM0007661	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0010355	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0012152	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0012353	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0012823	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0014301	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0015109	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0016044	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0016257	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0016538	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0017721	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0017900	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0018223	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0019367	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0021515	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0022079	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0022277	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0022608	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0023282	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0023337	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0023346	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0023950	LG5	unknown protein	not DE	not DE	not DE	not DE
EVM0000223	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0001890	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0002859	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0003066	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0004872	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0005046	LG5	unnamed protein product	-4.21087	0.033603	not DE	not DE
EVM0005362	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0006403	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0007011	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0007104	LG5	unnamed protein product	-2.26403	0.012416	not DE	not DE
EVM0007247	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0007844	LG5	unnamed protein product	not DE	not DE	-1.45264	0.00149
EVM0008208	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0008556	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0008790	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0009616	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0010173	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0010525	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0010893	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0011379	LG5	unnamed protein product	not DE	not DE	1.401106	0.01121
EVM0011628	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0011720	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0012601	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0012608	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0013437	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0014323	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0016811	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0017161	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0017207	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0019606	LG5	unnamed protein product	1.751466	0.049552	not DE	not DE
EVM0021880	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0023521	LG5	unnamed protein product	not DE	not DE	not DE	not DE

EVM0024362	LG5	unnamed protein product	not DE	not DE	not DE	not DE
EVM0024606	LG5	unnamed protein product	not DE	not DE	1.722636	0.00042
EVM0010942	LG5	vegetative storage protein	not DE	not DE	not DE	not DE
EVM0002400	LG5	zinc finger family protein	not DE	not DE	not DE	not DE
EVM0009026	LG5	zinc/iron transporter, putative	not DE	not DE	not DE	not DE
EVM0015457	LG5	zinc/iron transporter, putative	not DE	not DE	not DE	not DE
EVM0013370	LG6	(DL)-glycerol-3-phosphatase	not DE	not DE	not DE	not DE
EVM0012459	LG6	1-aminocyclopropane-1-carboxylate	not DE	not DE	not DE	not DE
EVM0015312	LG6	12-oxophytodienoate reductase	not DE	not DE	not DE	not DE
EVM0009738	LG6	2-alkenal reductase (NADP+)	not DE	not DE	not DE	not DE
EVM0011641	LG6	2-alkenal reductase (NADP+)	not DE	not DE	not DE	not DE
EVM0016986	LG6	2-alkenal reductase (NADP+)	not DE	not DE	3.017502	0.00306
EVM0020531	LG6	2-alkenal reductase (NADP+)	not DE	not DE	not DE	not DE
EVM0021302	LG6	2-alkenal reductase (NADP+)	not DE	not DE	not DE	not DE
EVM0001076	LG6	2-methoxy-6-polyprenyl-1,4-bisphosphate	not DE	not DE	not DE	not DE
EVM0018796	LG6	3-hydroxyisobutyryl-CoA hydratase	not DE	not DE	not DE	not DE
EVM0013130	LG6	40S ribosomal protein S24-2	not DE	not DE	not DE	not DE
EVM0001869	LG6	40S ribosomal protein S3-3	not DE	not DE	not DE	not DE
EVM0001039	LG6	5'-3' exoribonuclease	not DE	not DE	-1.12602	0.00025
EVM0012713	LG6	5'-adenylylsulfate reductase	not DE	not DE	not DE	not DE
EVM0003733	LG6	50S ribosomal protein L3, chain 1	not DE	not DE	not DE	not DE
EVM0002857	LG6	60S acidic ribosomal protein L24	not DE	not DE	not DE	not DE
EVM0011373	LG6	ATPase family AAA domain-containing	not DE	not DE	not DE	not DE
EVM0013922	LG6	B3 domain-containing protein	not DE	not DE	not DE	not DE
EVM0016349	LG6	B3 domain-containing protein	not DE	not DE	not DE	not DE
EVM0018816	LG6	B3 domain-containing protein	not DE	not DE	not DE	not DE
EVM0023270	LG6	B3 domain-containing protein	not DE	not DE	not DE	not DE
EVM0017226	LG6	B3 domain-containing protein	not DE	not DE	not DE	not DE
EVM0001957	LG6	BTB/POZ domain-containing protein	not DE	not DE	not DE	not DE
EVM0021576	LG6	C-Myc-binding protein homolog	not DE	not DE	not DE	not DE
EVM0021972	LG6	C2 and GRAM domain-containing protein	not DE	not DE	not DE	not DE
EVM0011860	LG6	CASP-like protein POPTRDRAFT	not DE	not DE	1.915097	0.02128
EVM0012646	LG6	CASP-like protein POPTRDRAFT	2.969554	0.017973	not DE	not DE
EVM0003134	LG6	CBL-interacting serine/threonine kinase	not DE	not DE	not DE	not DE
EVM0008861	LG6	CBS domain-containing protein	not DE	not DE	not DE	not DE
EVM0019431	LG6	CRC domain-containing protein	not DE	not DE	not DE	not DE
EVM0022137	LG6	DEAD-box ATP-dependent RNA helicase	not DE	not DE	not DE	not DE
EVM0012994	LG6	DEAD-box ATP-dependent RNA helicase	not DE	not DE	not DE	not DE
EVM0010029	LG6	DEAD-box ATP-dependent RNA helicase	not DE	not DE	not DE	not DE
EVM0023434	LG6	DNA excision repair protein	not DE	not DE	not DE	not DE
EVM0021303	LG6	DNA ligase 1-like	not DE	not DE	not DE	not DE
EVM0016750	LG6	DNA ligase 1-like isoform X1	1.751899	0.005483	not DE	not DE
EVM0015155	LG6	DNA mismatch repair protein	1.706559	0.007153	not DE	not DE
EVM0023717	LG6	DNA repair protein RAD51 homolog	not DE	not DE	not DE	not DE
EVM0024481	LG6	DNA repair protein recA homolog	not DE	not DE	not DE	not DE
EVM0017019	LG6	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0005844	LG6	EG45-like domain containing protein	not DE	not DE	not DE	not DE
EVM0010183	LG6	EIN3-binding F-box protein 2	not DE	not DE	not DE	not DE
EVM0010858	LG6	ELMO domain-containing protein	not DE	not DE	not DE	not DE
EVM0007406	LG6	EPIDERMAL PATTERNING FACTOR	not DE	not DE	not DE	not DE
EVM0017933	LG6	ER membrane protein complex	not DE	not DE	not DE	not DE
EVM0010919	LG6	F-box protein At2g02240-like	not DE	not DE	not DE	not DE
EVM0017945	LG6	F-box protein At2g02240-like	not DE	not DE	not DE	not DE
EVM0019623	LG6	F-box protein At5g03970-like	not DE	not DE	not DE	not DE

EVM0012710	LG6	F-box protein CPR30-like	not DE	not DE	not DE	not DE
EVM0004529	LG6	F-box protein CPR30-like iso	not DE	not DE	not DE	not DE
EVM0010699	LG6	F-box/FBD/LRR-repeat protein	not DE	not DE	not DE	not DE
EVM0010971	LG6	F-box/FBD/LRR-repeat protein	not DE	not DE	not DE	not DE
EVM0005507	LG6	F-box/kelch-repeat protein A	not DE	not DE	not DE	not DE
EVM0003163	LG6	G-type lectin S-receptor-like	not DE	not DE	not DE	not DE
EVM0005237	LG6	GDP-mannose transporter GONS	not DE	not DE	not DE	not DE
EVM0000830	LG6	GDP-mannose transporter GONS	not DE	not DE	not DE	not DE
EVM0017716	LG6	GDSL esterase/lipase Atlg093	not DE	not DE	not DE	not DE
EVM0012863	LG6	GPCR-type G protein 1	not DE	not DE	not DE	not DE
EVM0009419	LG6	GTP-binding nuclear protein	not DE	not DE	not DE	not DE
EVM0004691	LG6	LOB domain-containing protein	not DE	not DE	not DE	not DE
EVM0017832	LG6	LOB domain-containing protein	not DE	not DE	not DE	not DE
EVM0022933	LG6	LOB domain-containing protein	not DE	not DE	not DE	not DE
EVM0020879	LG6	LOW QUALITY PROTEIN: K(+) ef	not DE	not DE	not DE	not DE
EVM0013058	LG6	LOW QUALITY PROTEIN: ammoniu	not DE	not DE	not DE	not DE
EVM0008176	LG6	LOW QUALITY PROTEIN: peroxid	not DE	not DE	not DE	not DE
EVM0002200	LG6	LOW QUALITY PROTEIN: subtilin	not DE	not DE	not DE	not DE
EVM0000006	LG6	LOW QUALITY PROTEIN: sugar t	not DE	not DE	not DE	not DE
EVM0021813	LG6	LOW QUALITY PROTEIN: unchara	not DE	not DE	not DE	not DE
EVM0001126	LG6	LRR receptor-like serine/thr	not DE	not DE	not DE	not DE
EVM0010900	LG6	LRR receptor-like serine/thr	not DE	not DE	not DE	not DE
EVM0008718	LG6	NAC domain-containing protei	2.354492	0.014448	not DE	not DE
EVM0018852	LG6	NAC domain-containing protei	not DE	not DE	not DE	not DE
EVM0010696	LG6	PHD finger protein ING2	not DE	not DE	not DE	not DE
EVM0012230	LG6	PRA1 family protein E-like	not DE	not DE	not DE	not DE
EVM0012928	LG6	PRA1 family protein F2-like	not DE	not DE	not DE	not DE
EVM0015168	LG6	PXMP2/4 family protein 2-like	not DE	not DE	not DE	not DE
EVM0000253	LG6	R3H domain-containing protei	not DE	not DE	not DE	not DE
EVM0023550	LG6	RING-H2 finger protein ATL43	not DE	not DE	not DE	not DE
EVM0022672	LG6	RING-H2 finger protein ATL52	not DE	not DE	not DE	not DE
EVM0008075	LG6	RING-box protein 1a-like	not DE	not DE	not DE	not DE
EVM0020142	LG6	SNF1-related protein kinase	not DE	not DE	not DE	not DE
EVM0019378	LG6	SPX domain-containing protei	-2.22441	0.041635	not DE	not DE
EVM0000272	LG6	TATA-box-binding protein 2	not DE	not DE	not DE	not DE
EVM0024643	LG6	TBC1 domain family member 17	not DE	not DE	not DE	not DE
EVM0008015	LG6	TOM1-like protein 2	not DE	not DE	not DE	not DE
EVM0003097	LG6	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0012165	LG6	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0022261	LG6	U6 snRNA-associated Sm-like	not DE	not DE	1.048861	0.00858
EVM0004656	LG6	UBP1-associated proteins 1C	not DE	not DE	-1.03642	0.00106
EVM0000295	LG6	UDP-glycosyltransferase 83A1	not DE	not DE	not DE	not DE
EVM0013451	LG6	UDP-glycosyltransferase 83A1	not DE	not DE	not DE	not DE
EVM0020072	LG6	UDP-glycosyltransferase 83A1	not DE	not DE	not DE	not DE
EVM0017621	LG6	UDP-glycosyltransferase 91C1	not DE	not DE	not DE	not DE
EVM0001035	LG6	UPF0603 protein Atlg54780, c	-1.12405	0.026363	not DE	not DE
EVM0001691	LG6	V-type proton ATPase subunit	not DE	not DE	not DE	not DE
EVM0007712	LG6	V-type proton ATPase subunit	not DE	not DE	not DE	not DE
EVM0013412	LG6	VIN3-like protein 1-like iso	not DE	not DE	not DE	not DE
EVM0012693	LG6	WD repeat-containing protei	not DE	not DE	-1.31729	#####
EVM0011258	LG6	WD repeat-containing protei	not DE	not DE	not DE	not DE
EVM0022444	LG6	WD repeat-containing protei	not DE	not DE	not DE	not DE
EVM0007465	LG6	acetyl-CoA acetyltransferase	not DE	not DE	not DE	not DE
EVM0001645	LG6	acetyl-CoA acetyltransferase	not DE	not DE	not DE	not DE



EVM0006671	LG6	acetyl-CoA acetyltransferase	not DE	not DE	not DE	not DE
EVM0006400	LG6	acyl carrier protein 1, chloroplast	not DE	not DE	1.034376	0.00068
EVM0010504	LG6	acyl carrier protein 2, mitochondrial	not DE	not DE	not DE	not DE
EVM0021683	LG6	acyl-CoA--sterol O-acyltransferase	not DE	not DE	not DE	not DE
EVM0016342	LG6	acyl-protein thioesterase 2	not DE	not DE	not DE	not DE
EVM0012261	LG6	adenylate cyclase, terminal	not DE	not DE	not DE	not DE
EVM0004639	LG6	agamous-like MADS-box protein	not DE	not DE	not DE	not DE
EVM0002024	LG6	alcohol dehydrogenase-like 2	not DE	not DE	not DE	not DE
EVM0012764	LG6	alkaline ceramidase 3-like	not DE	not DE	not DE	not DE
EVM0007432	LG6	altered inheritance rate of	not DE	not DE	not DE	not DE
EVM0008501	LG6	ammonium transporter 3 member	not DE	not DE	not DE	not DE
EVM0007285	LG6	ankyrin repeat-containing protein	not DE	not DE	not DE	not DE
EVM0010862	LG6	ankyrin repeat-containing protein	not DE	not DE	not DE	not DE
EVM0001194	LG6	ankyrin-1-like	not DE	not DE	not DE	not DE
EVM0000127	LG6	aspartic proteinase CDR1-like	not DE	not DE	not DE	not DE
EVM0010115	LG6	aspartic proteinase-like	not DE	not DE	not DE	not DE
EVM0014761	LG6	auxin-responsive protein IAA	not DE	not DE	not DE	not DE
EVM0007741	LG6	bark storage protein A	not DE	not DE	not DE	not DE
EVM0007384	LG6	benzyl alcohol O-benzoyltransferase	not DE	not DE	not DE	not DE
EVM0018698	LG6	bidirectional sugar transporter	not DE	not DE	not DE	not DE
EVM0012135	LG6	bifunctional 3-dehydroquinase	not DE	not DE	not DE	not DE
EVM0022990	LG6	boron transporter 4	not DE	not DE	not DE	not DE
EVM0017678	LG6	calcium-transporting ATPase	not DE	not DE	not DE	not DE
EVM0011239	LG6	calcium-transporting ATPase	not DE	not DE	not DE	not DE
EVM0014186	LG6	calreticulin-3-like	-2.296	1.41E-08	-1.07446	0.01552
EVM0020689	LG6	cannabidiolic acid synthase	not DE	not DE	not DE	not DE
EVM0014289	LG6	cation/calcium exchanger 2-like	1.721379	0.000857	not DE	not DE
EVM0013270	LG6	cation/calcium exchanger 4-like	-1.68701	0.024094	not DE	not DE
EVM0007768	LG6	cellulose synthase-like protein	not DE	not DE	not DE	not DE
EVM0003001	LG6	cellulose synthase-like protein	not DE	not DE	not DE	not DE
EVM0006173	LG6	cellulose synthase-like protein	not DE	not DE	not DE	not DE
EVM0000283	LG6	centrosomal protein of 83 kDa	-1.30732	0.038442	not DE	not DE
EVM0021426	LG6	chaperone protein dnaJ 11, chloroplast	not DE	not DE	not DE	not DE
EVM0012573	LG6	chloroplast envelope membrane protein	not DE	not DE	not DE	not DE
EVM0015788	LG6	choline monooxygenase, chloroplast	not DE	not DE	not DE	not DE
EVM0015156	LG6	cingulin-like isoform X1	1.276693	0.002963	not DE	not DE
EVM0011704	LG6	coiled-coil domain-containing protein	not DE	not DE	not DE	not DE
EVM0018499	LG6	cycloartenol synthase 2-like	not DE	not DE	not DE	not DE
EVM0000419	LG6	cysteine synthase-like isoform	not DE	not DE	not DE	not DE
EVM0004143	LG6	cysteine synthase-like isoform	not DE	not DE	not DE	not DE
EVM0008060	LG6	cytochrome P450 71D8-like	not DE	not DE	not DE	not DE
EVM0011348	LG6	cytochrome P450 71D8-like	not DE	not DE	not DE	not DE
EVM0022450	LG6	cytochrome P450 71D8-like	not DE	not DE	not DE	not DE
EVM0002572	LG6	cytochrome P450 89A2-like	not DE	not DE	not DE	not DE
EVM0002745	LG6	cytochrome P450 89A2-like	not DE	not DE	not DE	not DE
EVM0006521	LG6	cytochrome P450 89A2-like	not DE	not DE	not DE	not DE
EVM0014664	LG6	cytokinesis protein sepA-like	not DE	not DE	not DE	not DE
EVM0002730	LG6	cytokinin dehydrogenase 3-like	not DE	not DE	not DE	not DE
EVM0008603	LG6	cytokinin dehydrogenase 3-like	not DE	not DE	not DE	not DE
EVM0012074	LG6	cytosolic Fe-S cluster assembly protein	not DE	not DE	not DE	not DE
EVM0023725	LG6	dehydrogenase/reductase SDR	not DE	not DE	not DE	not DE
EVM0007081	LG6	delta(8)-fatty-acid desaturase	not DE	not DE	1.224231	#####
EVM0020526	LG6	delta(8)-fatty-acid desaturase	not DE	not DE	not DE	not DE
EVM0013760	LG6	deoxyhypusine synthase-like	not DE	not DE	not DE	not DE

EVM0001270	LG6	disease resistance RPP13-like	not DE	not DE	not DE	not DE
EVM0003703	LG6	disease resistance RPP13-like	1.944135	0.031889	not DE	not DE
EVM0006628	LG6	disease resistance RPP13-like	not DE	not DE	not DE	not DE
EVM0007952	LG6	disease resistance RPP13-like	not DE	not DE	not DE	not DE
EVM0022006	LG6	disease resistance protein R	not DE	not DE	not DE	not DE
EVM0004388	LG6	dnaJ homolog subfamily C mem	not DE	not DE	not DE	not DE
EVM0008070	LG6	dnaJ homolog subfamily C mem	not DE	not DE	not DE	not DE
EVM0006154	LG6	enhancer of mRNA-decapping p	not DE	not DE	-1.07852	#####
EVM0007002	LG6	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0005842	LG6	eukaryotic initiation factor	not DE	not DE	not DE	not DE
EVM0018955	LG6	eukaryotic translation initi	not DE	not DE	not DE	not DE
EVM0024287	LG6	eukaryotic translation initi	not DE	not DE	-1.00892	#####
EVM0013142	LG6	exportin-1	not DE	not DE	not DE	not DE
EVM0016886	LG6	exportin-4-like isoform X1	not DE	not DE	not DE	not DE
EVM0018723	LG6	far upstream element-binding	not DE	not DE	not DE	not DE
EVM0005162	LG6	flap endonuclease 1 isoform	not DE	not DE	not DE	not DE
EVM0003990	LG6	galactose oxidase-like	not DE	not DE	not DE	not DE
EVM0004675	LG6	galactose oxidase-like	not DE	not DE	not DE	not DE
EVM0016176	LG6	galactose oxidase-like	not DE	not DE	not DE	not DE
EVM0004526	LG6	gamma-tubulin complex compon	not DE	not DE	not DE	not DE
EVM0001083	LG6	geranylgeranyl pyrophosphate	not DE	not DE	not DE	not DE
EVM0003651	LG6	geranylgeranyl pyrophosphate	not DE	not DE	not DE	not DE
EVM0005928	LG6	geranylgeranyl pyrophosphate	not DE	not DE	not DE	not DE
EVM0011666	LG6	geranylgeranyl pyrophosphate	not DE	not DE	not DE	not DE
EVM0013427	LG6	geranylgeranyl pyrophosphate	not DE	not DE	not DE	not DE
EVM0016503	LG6	geranylgeranyl pyrophosphate	not DE	not DE	not DE	not DE
EVM0018728	LG6	geranylgeranyl pyrophosphate	not DE	not DE	not DE	not DE
EVM0019066	LG6	geranylgeranyl pyrophosphate	not DE	not DE	not DE	not DE
EVM0022406	LG6	geranylgeranyl pyrophosphate	not DE	not DE	not DE	not DE
EVM0014398	LG6	geranylgeranyl transferase t	not DE	not DE	not DE	not DE
EVM0005295	LG6	germin-like protein subfamil	not DE	not DE	not DE	not DE
EVM0005113	LG6	gibberellin 3-beta-dioxygena	not DE	not DE	not DE	not DE
EVM0009919	LG6	glucan endo-1,3-beta-glucosi	not DE	not DE	not DE	not DE
EVM0020564	LG6	glucan endo-1,3-beta-glucosi	not DE	not DE	not DE	not DE
EVM0013550	LG6	glucose-6-phosphate 1-dehydr	not DE	not DE	not DE	not DE
EVM0003494	LG6	glutamate-rich WD repeat-con	not DE	not DE	not DE	not DE
EVM0009734	LG6	glutathione synthetase, chl	not DE	not DE	not DE	not DE
EVM0019461	LG6	glycine-rich cell wall struc	not DE	not DE	not DE	not DE
EVM0013267	LG6	glycine-rich protein A3-like	not DE	not DE	not DE	not DE
EVM0005513	LG6	guanine nucleotide-binding p	not DE	not DE	not DE	not DE
EVM0007788	LG6	heat shock factor protein HS	not DE	not DE	not DE	not DE
EVM0012328	LG6	heavy metal-associated isopr	not DE	not DE	not DE	not DE
EVM0001905	LG6	histone-lysine N-methyltrans	not DE	not DE	not DE	not DE
EVM0003863	LG6	homeobox protein ATH1-like	not DE	not DE	not DE	not DE
EVM0012560	LG6	homeobox-leucine zipper prot	not DE	not DE	not DE	not DE
EVM0021020	LG6	hydroxymethylglutaryl-CoA ly	not DE	not DE	not DE	not DE
EVM0007602	LG6	inactive protein kinase SELM	not DE	not DE	not DE	not DE
EVM0003162	LG6	indole-3-pyruvate monooxygen	not DE	not DE	not DE	not DE
EVM0001037	LG6	inositol-phosphate phosphata	not DE	not DE	not DE	not DE
EVM0006051	LG6	isoamylase 1, chloroplastic-	not DE	not DE	not DE	not DE
EVM0021724	LG6	isopentenyl-diphosphate Delt	not DE	not DE	not DE	not DE
EVM0010624	LG6	kinesin-1-like protein PSS1-	not DE	not DE	not DE	not DE
EVM0000384	LG6	kinesin-related protein 6-li	not DE	not DE	not DE	not DE
EVM0022110	LG6	leucine-rich repeat extensin	not DE	not DE	not DE	not DE

EVM0011799	LG6	leucine-rich repeat receptor	not DE	not DE	not DE	not DE
EVM0000904	LG6	light-inducible protein CPRF	not DE	not DE	not DE	not DE
EVM0022666	LG6	lysosomal beta glucosidase-1	not DE	not DE	-2.07108	0.04681
EVM0016590	LG6	mediator of RNA polymerase I	not DE	not DE	not DE	not DE
EVM0012225	LG6	methyl-CpG-binding domain-co	not DE	not DE	not DE	not DE
EVM0000806	LG6	methylthioribose-1-phosphate	1.220574	0.00325	not DE	not DE
EVM0023566	LG6	microtubule-associated prote	not DE	not DE	not DE	not DE
EVM0000185	LG6	microtubule-associated prote	not DE	not DE	not DE	not DE
EVM0007690	LG6	mitochondrial substrate carr	not DE	not DE	not DE	not DE
EVM0016648	LG6	mitochondrial-processing pep	not DE	not DE	not DE	not DE
EVM0006729	LG6	mitogen-activated protein ki	not DE	not DE	not DE	not DE
EVM0018453	LG6	monoacylglycerol lipase ABHD	not DE	not DE	not DE	not DE
EVM0012502	LG6	multiprotein-bridging factor	-2.06693	0.025627	-1.29698	#####
EVM0010773	LG6	multisubstrate pseudouridine	not DE	not DE	not DE	not DE
EVM0000751	LG6	myb-related protein Myb4-like	not DE	not DE	not DE	not DE
EVM0021765	LG6	myosin-11	not DE	not DE	not DE	not DE
EVM0017486	LG6	myosin-17-like isoform X1	not DE	not DE	not DE	not DE
EVM0006961	LG6	myosin-8-like	not DE	not DE	not DE	not DE
EVM0010370	LG6	nitrate transporter 1.4-like	not DE	not DE	not DE	not DE
EVM0010248	LG6	non-specific phospholipase C	not DE	not DE	not DE	not DE
EVM0020169	LG6	non-specific phospholipase C	not DE	not DE	not DE	not DE
EVM0001207	LG6	nuclear pore complex protein	1.126353	0.006058	not DE	not DE
EVM0012464	LG6	nuclear pore complex protein	not DE	not DE	not DE	not DE
EVM0012549	LG6	nucleolar complex protein 2	not DE	not DE	not DE	not DE
EVM0001138	LG6	nucleosome assembly protein	not DE	not DE	not DE	not DE
EVM0000895	LG6	nudix hydrolase 2-like isofo	not DE	not DE	not DE	not DE
EVM0003556	LG6	nudix hydrolase 20, chloropl	not DE	not DE	not DE	not DE
EVM0006503	LG6	nudix hydrolase 20, chloropl	not DE	not DE	not DE	not DE
EVM0021655	LG6	nudix hydrolase 20, chloropl	not DE	not DE	not DE	not DE
EVM0022708	LG6	origin recognition complex s	not DE	not DE	-1.19605	0.00517
EVM0009304	LG6	oxysterol-binding protein-re	not DE	not DE	not DE	not DE
EVM0018858	LG6	oxysterol-binding protein-re	not DE	not DE	not DE	not DE
EVM0006211	LG6	pathogenesis-related homeod	not DE	not DE	not DE	not DE
EVM0002542	LG6	pathogenesis-related protein	4.539815	0.008977	not DE	not DE
EVM0002829	LG6	pathogenesis-related protein	2.974083	0.013358	not DE	not DE
EVM0005929	LG6	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0001371	LG6	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0000659	LG6	pentatricopeptide repeat-con	1.773649	0.001727	not DE	not DE
EVM0006161	LG6	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0019112	LG6	pentatricopeptide repeat-con	1.634023	1.96E-06	not DE	not DE
EVM0000982	LG6	pentatricopeptide repeat-con	1.918123	4.84E-05	not DE	not DE
EVM0001549	LG6	pentatricopeptide repeat-con	1.433306	0.045149	not DE	not DE
EVM0009315	LG6	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0000986	LG6	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0007006	LG6	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0018375	LG6	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0005982	LG6	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0017521	LG6	pentatricopeptide repeat-con	-2.63327	6.52E-12	-1.55787	0.00023
EVM0014305	LG6	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0014100	LG6	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0007433	LG6	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0023291	LG6	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0019521	LG6	peptide chain release factor	not DE	not DE	not DE	not DE
EVM0001277	LG6	peroxidase 44-like	not DE	not DE	not DE	not DE

EVM0021209	LG6	peroxidase 44-like	not DE	not DE	not DE	not DE
EVM0012512	LG6	peroxidase 57-like	not DE	not DE	not DE	not DE
EVM0002512	LG6	peroxiredoxin-2B-like	not DE	not DE	not DE	not DE
EVM0012208	LG6	peroxisome biogenesis protein	not DE	not DE	not DE	not DE
EVM0004613	LG6	peroxygenase-like	not DE	not DE	not DE	not DE
EVM0021682	LG6	phenylalanine ammonia-lyase	not DE	not DE	not DE	not DE
EVM0020685	LG6	phosphate transporter PHO1 h	not DE	not DE	not DE	not DE
EVM0008223	LG6	phosphoenolpyruvate carboxyl	not DE	not DE	not DE	not DE
EVM0014780	LG6	phosphoinositide 3-kinase re	not DE	not DE	-1.19533	#####
EVM0004065	LG6	phospholipase A(1) LCAT3-lik	not DE	not DE	not DE	not DE
EVM0002752	LG6	pollen-specific leucine-rich	not DE	not DE	not DE	not DE
EVM0010588	LG6	pollen-specific leucine-rich	not DE	not DE	not DE	not DE
EVM0006592	LG6	pollen-specific protein SF21	not DE	not DE	not DE	not DE
EVM0010842	LG6	poly(rC)-binding protein 3-l	not DE	not DE	not DE	not DE
EVM0000650	LG6	polyadenylate-binding protei	not DE	not DE	not DE	not DE
EVM0012506	LG6	polyribonucleotide nucleotid	not DE	not DE	not DE	not DE
EVM0017937	LG6	polyribonucleotide nucleotid	not DE	not DE	not DE	not DE
EVM0023996	LG6	polyribonucleotide nucleotid	not DE	not DE	not DE	not DE
EVM0013245	LG6	probable ADP-ribosylation fa	not DE	not DE	not DE	not DE
EVM0017245	LG6	probable ADP-ribosylation fa	not DE	not DE	not DE	not DE
EVM0003164	LG6	probable E3 ubiquitin-protei	not DE	not DE	not DE	not DE
EVM0012110	LG6	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0016443	LG6	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0004085	LG6	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0008947	LG6	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0000543	LG6	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0012896	LG6	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0005336	LG6	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0016822	LG6	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0010886	LG6	probable RNA helicase SDE3-l	not DE	not DE	not DE	not DE
EVM0009053	LG6	probable U6 snRNA-associated	not DE	not DE	not DE	not DE
EVM0009790	LG6	probable WRKY transcription	not DE	not DE	not DE	not DE
EVM0003518	LG6	probable coffeoyl-CoA 0-meth	not DE	not DE	not DE	not DE
EVM0010401	LG6	probable cation transporter	not DE	not DE	not DE	not DE
EVM0007084	LG6	probable clathrin assembly p	not DE	not DE	not DE	not DE
EVM0017872	LG6	probable galactinol--sucrose	not DE	not DE	not DE	not DE
EVM0006723	LG6	probable galacturonosyltrans	not DE	not DE	not DE	not DE
EVM0003581	LG6	probable glucuronosyltransfe	not DE	not DE	not DE	not DE
EVM0001831	LG6	probable glycosyltransferase	not DE	not DE	not DE	not DE
EVM0014247	LG6	probable glycosyltransferase	not DE	not DE	not DE	not DE
EVM0019657	LG6	probable histone H2A variant	not DE	not DE	not DE	not DE
EVM0010758	LG6	probable inactive receptor k	not DE	not DE	not DE	not DE
EVM0022310	LG6	probable inositol oxygenase	not DE	not DE	not DE	not DE
EVM0024095	LG6	probable lactoylglutathione	not DE	not DE	not DE	not DE
EVM0023418	LG6	probable leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0017394	LG6	probable leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0022485	LG6	probable leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0018598	LG6	probable long-chain-alcohol	not DE	not DE	not DE	not DE
EVM0002549	LG6	probable low-specificity L-t	1.817066	0.020014	not DE	not DE
EVM0004336	LG6	probable pectinesterase 53-l	not DE	not DE	not DE	not DE
EVM0004272	LG6	probable phospholipase A2 ho	not DE	not DE	not DE	not DE
EVM0005475	LG6	probable receptor-like prote	-3.39949	0.02994	not DE	not DE
EVM0005169	LG6	probable serine/threonine pr	not DE	not DE	not DE	not DE
EVM0007696	LG6	probable serine/threonine-pr	not DE	not DE	not DE	not DE

EVM0007292	LG6	probable tyrosine-protein phosphatase	not DE	not DE	not DE	not DE
EVM0015444	LG6	profilin-like	not DE	not DE	not DE	not DE
EVM0024018	LG6	proline-rich receptor-like protein	not DE	not DE	not DE	not DE
EVM0017785	LG6	protein ENDOSPERM DEFECTIVE 1	not DE	not DE	not DE	not DE
EVM0002650	LG6	protein HASTY 1-like isoform X1	not DE	not DE	-1.05699	0.00069
EVM0014556	LG6	protein LIGHT-DEPENDENT SHOOTING	not DE	not DE	not DE	not DE
EVM0010692	LG6	protein NRT1/ PTR FAMILY 4.5	not DE	not DE	not DE	not DE
EVM0004696	LG6	protein PIR-like	not DE	not DE	not DE	not DE
EVM0020659	LG6	protein PNS1-like	not DE	not DE	not DE	not DE
EVM0003538	LG6	protein TOPLESS-like isoform X1	not DE	not DE	not DE	not DE
EVM0019976	LG6	protein TRANSPARENT TESTA 12	not DE	not DE	not DE	not DE
EVM0021844	LG6	protein YIPF6 homolog	not DE	not DE	not DE	not DE
EVM0002973	LG6	protein YLS2-like	not DE	not DE	not DE	not DE
EVM0006752	LG6	protein bem46-like isoform X1	not DE	not DE	not DE	not DE
EVM0014795	LG6	protein kinase G11A-like	not DE	not DE	not DE	not DE
EVM0021102	LG6	protein notum homolog	not DE	not DE	not DE	not DE
EVM0022680	LG6	protein pelota-like	not DE	not DE	not DE	not DE
EVM0016542	LG6	protein phosphatase 2C 16-like	2.857513	0.001136	not DE	not DE
EVM0007072	LG6	protein prenyltransferase alpha	not DE	not DE	not DE	not DE
EVM0020266	LG6	protein transport protein Sec14	not DE	not DE	-1.3412	#####
EVM0013866	LG6	protein trichome birefringence	not DE	not DE	3.929289	#####
EVM0018232	LG6	pumilio homolog 12-like	not DE	not DE	not DE	not DE
EVM0016062	LG6	putative ABC transporter B family	not DE	not DE	not DE	not DE
EVM0015242	LG6	putative H/ACA ribonucleoprotein	not DE	not DE	not DE	not DE
EVM0021188	LG6	putative acyl-activating enzyme	not DE	not DE	not DE	not DE
EVM0000608	LG6	putative auxin efflux carrier	not DE	not DE	not DE	not DE
EVM0023306	LG6	putative dual specificity protein	not DE	not DE	not DE	not DE
EVM0011852	LG6	putative glucan endo-1,3-beta	not DE	not DE	not DE	not DE
EVM0020533	LG6	putative glucose-6-phosphate	not DE	not DE	not DE	not DE
EVM0016415	LG6	putative glucuronosyltransferase	not DE	not DE	not DE	not DE
EVM0016810	LG6	putative leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0016437	LG6	putative pentatricopeptide repeat	not DE	not DE	not DE	not DE
EVM0001245	LG6	putative receptor-like protein	not DE	not DE	not DE	not DE
EVM0002236	LG6	pyruvate kinase, cytosolic isoform	not DE	not DE	1.204857	0.03538
EVM0016545	LG6	rac-like GTP-binding protein	not DE	not DE	not DE	not DE
EVM0021508	LG6	ras-related protein RABBLc	not DE	not DE	not DE	not DE
EVM0022417	LG6	receptor-like cytosolic serine	not DE	not DE	not DE	not DE
EVM0019250	LG6	receptor-like protein kinase	not DE	not DE	not DE	not DE
EVM0004945	LG6	receptor-like serine/threonine	not DE	not DE	not DE	not DE
EVM0023442	LG6	rho guanine nucleotide exchange	not DE	not DE	not DE	not DE
EVM0000192	LG6	serine carboxypeptidase-like	not DE	not DE	not DE	not DE
EVM0007341	LG6	serine carboxypeptidase-like	not DE	not DE	not DE	not DE
EVM0007631	LG6	serine carboxypeptidase-like	not DE	not DE	not DE	not DE
EVM0001409	LG6	serine/arginine repetitive motif	not DE	not DE	not DE	not DE
EVM0005086	LG6	serine/threonine-protein kinase	not DE	not DE	not DE	not DE
EVM0012813	LG6	serine/threonine-protein kinase	not DE	not DE	not DE	not DE
EVM0013619	LG6	serine/threonine-protein kinase	not DE	not DE	not DE	not DE
EVM0021915	LG6	serine/threonine-protein kinase	not DE	not DE	not DE	not DE
EVM0014703	LG6	serine/threonine-protein kinase	not DE	not DE	not DE	not DE
EVM0006764	LG6	shaggy-related protein kinase	not DE	not DE	not DE	not DE
EVM0009218	LG6	signal peptidase complex catalytic	not DE	not DE	not DE	not DE
EVM0004190	LG6	sister chromatid cohesion protein	not DE	not DE	not DE	not DE
EVM0002617	LG6	snRNA-activating protein complex	not DE	not DE	not DE	not DE
EVM0001600	LG6	sodium/hydrogen exchanger 1	not DE	not DE	not DE	not DE

EVM0004482	LG6	sodium/hydrogen exchanger 6-	not DE	not DE	not DE	not DE
EVM0006942	LG6	sodium/pyruvate cotransporter	not DE	not DE	not DE	not DE
EVM0013465	LG6	stellacyanin-like	not DE	not DE	not DE	not DE
EVM0005892	LG6	sterol 3-beta-glucosyltransferase	not DE	not DE	not DE	not DE
EVM0014681	LG6	sugar transporter ERD6-like	not DE	not DE	not DE	not DE
EVM0010807	LG6	syntaxin-22-like isoform X1	not DE	not DE	not DE	not DE
EVM0014611	LG6	tRNA (guanine(9)-N1)-methyltransferase	not DE	not DE	not DE	not DE
EVM0004376	LG6	tRNA (guanine-N(7)-)-methyltransferase	not DE	not DE	not DE	not DE
EVM0023534	LG6	tRNA A64-2'-O-ribosylphosphorylase	not DE	not DE	not DE	not DE
EVM0006623	LG6	thylakoid lumenal 16.5 kDa protein	not DE	not DE	not DE	not DE
EVM0002292	LG6	transcription factor DIVARICATA	not DE	not DE	not DE	not DE
EVM0015472	LG6	transcription factor MYB82-1	not DE	not DE	not DE	not DE
EVM0024336	LG6	transcription factor MYB86-1	not DE	not DE	not DE	not DE
EVM0020520	LG6	transcription factor bHLH68	not DE	not DE	not DE	not DE
EVM0017567	LG6	transcription initiation factor	not DE	not DE	not DE	not DE
EVM0004079	LG6	transcriptional adapter ADA2	not DE	not DE	not DE	not DE
EVM0004674	LG6	transcriptional adapter ADA2	not DE	not DE	not DE	not DE
EVM0009159	LG6	transcriptional adapter ADA2	not DE	not DE	not DE	not DE
EVM0006132	LG6	translation initiation factor -1.33389	0.005749	not DE	not DE	not DE
EVM0004069	LG6	translation initiation factor	not DE	not DE	not DE	not DE
EVM0017884	LG6	transmembrane protein 184C-1	not DE	not DE	not DE	not DE
EVM0001355	LG6	tubulin alpha-3 chain	not DE	not DE	not DE	not DE
EVM0009376	LG6	two pore potassium channel alpha	not DE	not DE	not DE	not DE
EVM0017951	LG6	uncharacterized RNA-binding protein	not DE	not DE	not DE	not DE
EVM0018452	LG6	uncharacterized WD repeat-containing protein	not DE	not DE	not DE	not DE
EVM0000814	LG6	uncharacterized protein At2g	not DE	not DE	not DE	not DE
EVM0009303	LG6	uncharacterized protein At3g	not DE	not DE	not DE	not DE
EVM0017618	LG6	uncharacterized protein At4g	not DE	not DE	not DE	not DE
EVM0006865	LG6	uncharacterized protein At5g	not DE	not DE	not DE	not DE
EVM0001931	LG6	uncharacterized protein LOC1	-2.92369	0.040409	not DE	not DE
EVM0005764	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015774	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010179	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017934	LG6	uncharacterized protein LOC1	not DE	not DE	-4.80311	#####
EVM0004737	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006482	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019395	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023813	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001167	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004642	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023471	LG6	uncharacterized protein LOC1	not DE	not DE	1.009059	0.03492
EVM0015267	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017195	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016090	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012843	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020661	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021591	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008920	LG6	uncharacterized protein LOC1	not DE	not DE	-1.28957	#####
EVM0006940	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004685	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006518	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001422	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021869	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009649	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE

EVM0022761	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007237	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012576	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004981	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023168	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016517	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015129	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007280	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021584	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012021	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008494	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002818	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008001	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004705	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013988	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004899	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004031	LG6	uncharacterized protein LOC1	not DE	not DE	-1.09377	#####
EVM0008881	LG6	uncharacterized protein LOC1	not DE	not DE	-2.66916	0.00011
EVM0005152	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022403	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012390	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019166	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023706	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002601	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012546	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014667	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009767	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012096	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012065	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014158	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002336	LG6	uncharacterized protein LOC1	not DE	not DE	1.102747	0.00142
EVM0023536	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008274	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023170	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007791	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011356	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023622	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008913	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005733	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007386	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008263	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000632	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001187	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020798	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012559	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005057	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005776	LG6	uncharacterized protein LOC1	not DE	not DE	1.130024	0.00032
EVM0020502	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007155	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001320	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021691	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007451	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008250	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010295	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE

EVM0019299	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012740	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003478	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011615	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009999	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018846	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003429	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009762	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021836	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004004	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018470	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011019	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001939	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018960	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015486	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008806	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019479	LG6	uncharacterized protein LOC1	1.082819	0.009168	not DE	not DE
EVM0013504	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015719	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004040	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001784	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009972	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017259	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004035	LG6	uncharacterized protein LOC1	not DE	not DE	1.349153	0.00199
EVM0008867	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002941	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012538	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020906	LG6	uncharacterized protein LOC1	1.850405	1.61E-05	not DE	not DE
EVM0001196	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020814	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024133	LG6	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010215	LG6	vacuolar protein sorting-ass	not DE	not DE	not DE	not DE
EVM0005265	LG6	vesicle transport protein SE	not DE	not DE	-1.30754	0.00013
EVM0018023	LG6	voltage-gated hydrogen chann	not DE	not DE	not DE	not DE
EVM0009069	LG6	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0015395	LG6	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0019050	LG6	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0024248	LG6	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0003837	LG6	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0023029	LG6	zinc finger protein VAR3, ch	not DE	not DE	not DE	not DE
EVM0011395	LG6	4-coumarate:CoA ligase	not DE	not DE	not DE	not DE
EVM0019469	LG6	4-coumarate:CoA ligase	not DE	not DE	not DE	not DE
EVM0003745	LG6	4-coumarate:CoA ligase 3	not DE	not DE	not DE	not DE
EVM0021918	LG6	6-phosphofructokinase 3	not DE	not DE	not DE	not DE
EVM0010273	LG6	ADP-ribosylation factor 2	not DE	not DE	not DE	not DE
EVM0004392	LG6	ADP-ribosylation factor, arf,	not DE	not DE	not DE	not DE
EVM0011186	LG6	AIG2-like (avirulence induced	not DE	not DE	not DE	not DE
EVM0011190	LG6	AMP dependent ligase, putativ	not DE	not DE	not DE	not DE
EVM0021093	LG6	AP2-like ethylene-responsive	not DE	not DE	not DE	not DE
EVM0019071	LG6	ATP synthase CF1 alpha chain	-2.38196	0.018722	not DE	not DE
EVM0014695	LG6	ATP synthase epsilon subunit	not DE	not DE	1.143391	0.00036
EVM0000675	LG6	ATP synthase subunit d, putat	not DE	not DE	not DE	not DE
EVM0016179	LG6	ATPase family associated with	not DE	not DE	not DE	not DE
EVM0020171	LG6	ATPase family associated with	not DE	not DE	not DE	not DE



EVM0002397	LG6	Adenosine-5'-phosphosulf	not DE	not DE	not DE	not DE
EVM0018923	LG6	Adenosine-5'-phosphosulf	not DE	not DE	not DE	not DE
EVM0014890	LG6	Adipose-regulatory protein, p	not DE	not DE	not DE	not DE
EVM0016238	LG6	Alpha/beta-Hydrolases superfam	not DE	not DE	not DE	not DE
EVM0014081	LG6	Ankyrin repeat family protein	not DE	not DE	not DE	not DE
EVM0010222	LG6	Arabinogalactan protein 22, p	not DE	not DE	not DE	not DE
EVM0016081	LG6	Auxin-responsive family prote	not DE	not DE	not DE	not DE
EVM0019740	LG6	Axonemal dynein light chain,	not DE	not DE	not DE	not DE
EVM0022860	LG6	Beta-1, 4-N-acetylglucosaminy	not DE	not DE	not DE	not DE
EVM0019571	LG6	Beta-Amyrin Synthase isoform	not DE	not DE	not DE	not DE
EVM0022552	LG6	Beta-galactosidase	not DE	not DE	not DE	not DE
EVM0004611	LG6	Blue copper protein precursor	5.652773	0.001761	not DE	not DE
EVM0008646	LG6	BnaA07g07540D	not DE	not DE	not DE	not DE
EVM0005271	LG6	CPI-4	not DE	not DE	not DE	not DE
EVM0014193	LG6	CPI-4	not DE	not DE	1.43635	0.04016
EVM0019140	LG6	Calcineurin B-like protein 3	not DE	not DE	not DE	not DE
EVM0014719	LG6	Co-chaperone GrpE family prot	not DE	not DE	not DE	not DE
EVM0023551	LG6	Copper binding protein 9, put	not DE	not DE	not DE	not DE
EVM0022795	LG6	Copper transporter 5	not DE	not DE	not DE	not DE
EVM0003105	LG6	Cysteine-rich receptor-like p	not DE	not DE	not DE	not DE
EVM0010283	LG6	Cysteine-rich receptor-like p	not DE	not DE	not DE	not DE
EVM0003739	LG6	Cytidine/deoxycytidylate deam	not DE	not DE	not DE	not DE
EVM0016244	LG6	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0012565	LG6	Cytochrome P450 superfamily p	not DE	not DE	not DE	not DE
EVM0004667	LG6	Cytochrome P450, putative	not DE	not DE	not DE	not DE
EVM0002186	LG6	DENN domain-containing protei	not DE	not DE	not DE	not DE
EVM0002788	LG6	DNA/RNA polymerases superfami	not DE	not DE	not DE	not DE
EVM0004496	LG6	DREB2A-interacting 1-like pro	not DE	not DE	not DE	not DE
EVM0021253	LG6	DREB2A-interacting 1-like pro	not DE	not DE	not DE	not DE
EVM0003909	LG6	Double Clp-N motif-containing	not DE	not DE	not DE	not DE
EVM0022214	LG6	Double Clp-N motif-containing	not DE	not DE	not DE	not DE
EVM0015169	LG6	Duplicated homeodomain-like s	not DE	not DE	not DE	not DE
EVM0004134	LG6	E3 ubiquitin-protein ligase A	not DE	not DE	not DE	not DE
EVM0019470	LG6	EXORDIUM like 2, putative	not DE	not DE	not DE	not DE
EVM0002963	LG6	Elf4-like 4 isoform 1	not DE	not DE	not DE	not DE
EVM0022216	LG6	Enoyl-CoA hydratase/isomerase	not DE	not DE	not DE	not DE
EVM0018410	LG6	Eukaryotic aspartyl protease	not DE	not DE	not DE	not DE
EVM0000883	LG6	Eukaryotic translation initia	not DE	not DE	not DE	not DE
EVM0009769	LG6	F1504.13	not DE	not DE	not DE	not DE
EVM0004826	LG6	FVE protein	not DE	not DE	not DE	not DE
EVM0000715	LG6	Far1-related sequence 10 isof	not DE	not DE	not DE	not DE
EVM0010379	LG6	GATA transcription factor 9,	not DE	not DE	not DE	not DE
EVM0008898	LG6	GDP-mannose 3,5-epimerase 1	not DE	not DE	not DE	not DE
EVM0020718	LG6	GDSL-motif lipase 7	not DE	not DE	not DE	not DE
EVM0015871	LG6	GHMYB10, putative	not DE	not DE	not DE	not DE
EVM0016961	LG6	Gamma-tocopherol methyltransf	not DE	not DE	not DE	not DE
EVM0002176	LG6	Germin-like protein 2	not DE	not DE	not DE	not DE
EVM0003769	LG6	Germin-like protein 2	not DE	not DE	not DE	not DE
EVM0006344	LG6	Germin-like protein 2	not DE	not DE	not DE	not DE
EVM0016956	LG6	Germin-like protein 2	not DE	not DE	not DE	not DE
EVM0021222	LG6	Germin-like protein subfamily	not DE	not DE	not DE	not DE
EVM0017018	LG6	Gibberellin receptor GID1, pu	not DE	not DE	not DE	not DE
EVM0023095	LG6	Gibberellin receptor GID1, pu	not DE	not DE	not DE	not DE
EVM0006583	LG6	Glucan endo-1,3-beta-glucosid	not DE	not DE	not DE	not DE

EVM0015106	LG6	Glutamine-fructose-6-phosphat	not DE	not DE	not DE	not DE
EVM0011265	LG6	Glycylpeptide N-tetradecanoyl	not DE	not DE	not DE	not DE
EVM0014424	LG6	Heat shock transcription fact	2.165772	0.003268	not DE	not DE
EVM0002222	LG6	Histidine-containing phosphot	not DE	not DE	not DE	not DE
EVM0003294	LG6	Hydrophobic protein RCI2B	not DE	not DE	2.664249	#####
EVM0008041	LG6	Hydroxyproline-rich glycoprot	not DE	not DE	not DE	not DE
EVM0003723	LG6	Hyoscyamine 6-dioxygenase, pu	not DE	not DE	not DE	not DE
EVM0019748	LG6	Indeterminate(ID)-domain 7, p	not DE	not DE	not DE	not DE
EVM0024167	LG6	Indoleacetic acid-induced pro	not DE	not DE	not DE	not DE
EVM0023444	LG6	Integral membrane protein-lik	not DE	not DE	not DE	not DE
EVM0020978	LG6	Integrase-type DNA-binding su	not DE	not DE	not DE	not DE
EVM0016101	LG6	Iq-domain 31	not DE	not DE	not DE	not DE
EVM0020940	LG6	Leucine-rich repeat family pr	not DE	not DE	not DE	not DE
EVM0022233	LG6	MAP kinase kinase 6 isoform l	not DE	not DE	not DE	not DE
EVM0001746	LG6	Macrophage migration inhibito	not DE	not DE	2.367053	0.02424
EVM0024596	LG6	Macrophage migration inhibito	not DE	not DE	not DE	not DE
EVM0010789	LG6	Major facilitator superfamily	not DE	not DE	not DE	not DE
EVM0016248	LG6	Major facilitator superfamily	not DE	not DE	not DE	not DE
EVM0019636	LG6	Major facilitator superfamily	not DE	not DE	not DE	not DE
EVM0006098	LG6	Major facilitator superfamily	not DE	not DE	not DE	not DE
EVM0018067	LG6	Major facilitator superfamily	not DE	not DE	not DE	not DE
EVM0018920	LG6	Major facilitator superfamily	not DE	not DE	not DE	not DE
EVM0023081	LG6	Major facilitator superfamily	not DE	not DE	not DE	not DE
EVM0023467	LG6	Major facilitator superfamily	not DE	not DE	not DE	not DE
EVM0000195	LG6	Mechanosensitive channel of s	not DE	not DE	not DE	not DE
EVM0024616	LG6	Metaxin-related isoform 1	not DE	not DE	not DE	not DE
EVM0015533	LG6	Mitochondrial Rho GTPase isof	not DE	not DE	not DE	not DE
EVM0002271	LG6	Mo25 family protein	not DE	not DE	not DE	not DE
EVM0023302	LG6	Mo25 family protein	not DE	not DE	not DE	not DE
EVM0014941	LG6	MuDR family transposase isof	not DE	not DE	not DE	not DE
EVM0008921	LG6	Multidrug resistance pump, pu	not DE	not DE	not DE	not DE
EVM0017427	LG6	Multidrug resistance pump, pu	2.324078	0.006715	not DE	not DE
EVM0009722	LG6	Myb domain protein 113, putat	not DE	not DE	not DE	not DE
EVM0016752	LG6	Myb domain protein 5, putativ	not DE	not DE	not DE	not DE
EVM0009088	LG6	Myb-like transcription factor	not DE	not DE	not DE	not DE
EVM0000557	LG6	NAD(P)-linked oxidoreductase	not DE	not DE	not DE	not DE
EVM0019441	LG6	NADH-plastoquinone oxidoreduc	not DE	not DE	not DE	not DE
EVM0020406	LG6	NADH-ubiquinone oxidoreductas	not DE	not DE	1.010529	#####
EVM0004384	LG6	NADH:cytochrome B5 reductase	not DE	not DE	not DE	not DE
EVM0018330	LG6	NADPH:cytochrome P450 reducta	not DE	not DE	not DE	not DE
EVM0016759	LG6	Na/H antiporter	not DE	not DE	not DE	not DE
EVM0016665	LG6	Nuclear transcription factor	not DE	not DE	not DE	not DE
EVM0002715	LG6	Nucleotide/sugar transporter	not DE	not DE	not DE	not DE
EVM0016845	LG6	Oligopeptide transporter 3-l	not DE	not DE	not DE	not DE
EVM0005974	LG6	Ovate family protein 8, putat	not DE	not DE	not DE	not DE
EVM0015319	LG6	P-loop containing nucleoside	not DE	not DE	not DE	not DE
EVM0016285	LG6	P-loop containing nucleoside	not DE	not DE	not DE	not DE
EVM0001001	LG6	Pantothenate kinase	not DE	not DE	not DE	not DE
EVM0017857	LG6	Pentatricopeptide repeat supe	not DE	not DE	not DE	not DE
EVM0006226	LG6	Pentatricopeptide repeat supe	1.605754	0.020616	not DE	not DE
EVM0004096	LG6	Pentatricopeptide repeat-cont	not DE	not DE	not DE	not DE
EVM0006744	LG6	Pentatricopeptide repeat-cont	not DE	not DE	not DE	not DE
EVM0021620	LG6	Pentatricopeptide repeat-cont	not DE	not DE	not DE	not DE
EVM0005672	LG6	Phospholipid:diacylglycerol a	not DE	not DE	not DE	not DE

EVM0013744	LG6	Plant intracellular ras group	not DE	not DE	not DE	not DE
EVM0000719	LG6	Pleiotropic drug resistance 9	not DE	not DE	not DE	not DE
EVM0017387	LG6	Polyol transporter 5 -like pr	not DE	not DE	not DE	not DE
EVM0002570	LG6	Potassium channel tetramerisa	not DE	not DE	not DE	not DE
EVM0002797	LG6	Potassium channel tetramerisa	not DE	not DE	not DE	not DE
EVM0023041	LG6	Pre-mRNA cleavage complex 2 P	not DE	not DE	not DE	not DE
EVM0021628	LG6	Prefoldin subunit, putative	not DE	not DE	not DE	not DE
EVM0003988	LG6	Prenyltransferase superfam	not DE	not DE	not DE	not DE
EVM0002647	LG6	Profilin-1	not DE	not DE	not DE	not DE
EVM0001428	LG6	PsbD mRNA maturation factor N	not DE	not DE	not DE	not DE
EVM0005263	LG6	RAB GTPase G3D	not DE	not DE	not DE	not DE
EVM0005463	LG6	RNA-binding family protein is	not DE	not DE	not DE	not DE
EVM0024113	LG6	RecName: Full=Premnaspirodi	not DE	not DE	not DE	not DE
EVM0011003	LG6	Receptor like protein kinase	not DE	not DE	not DE	not DE
EVM0016906	LG6	Receptor like protein kinase	not DE	not DE	not DE	not DE
EVM0017930	LG6	Replicase polyprotein lab	not DE	not DE	not DE	not DE
EVM0018902	LG6	Rhicadhesin receptor precursor	not DE	not DE	not DE	not DE
EVM0015236	LG6	Ribosomal L28e protein family	not DE	not DE	not DE	not DE
EVM0014360	LG6	Ribosomal protein L18e/L15 su	not DE	not DE	not DE	not DE
EVM0003057	LG6	Ribosomal protein S15A E	not DE	not DE	not DE	not DE
EVM0016916	LG6	Ribosomal protein S3Ae	not DE	not DE	not DE	not DE
EVM0020508	LG6	RmlC-like cupins superfamily	not DE	not DE	not DE	not DE
EVM0023921	LG6	RmlC-like cupins superfamily	not DE	not DE	not DE	not DE
EVM0004319	LG6	RmlC-like cupins superfamily	not DE	not DE	not DE	not DE
EVM0018538	LG6	RmlC-like cupins superfamily	not DE	not DE	not DE	not DE
EVM0018338	LG6	Root phototropism protein, pu	not DE	not DE	not DE	not DE
EVM0001586	LG6	S-norcoclaurine synthase	not DE	not DE	not DE	not DE
EVM0012180	LG6	SSXT family protein isoform 1	not DE	not DE	not DE	not DE
EVM0001529	LG6	Sec14p-like phosphatidylinosi	not DE	not DE	not DE	not DE
EVM0001303	LG6	Serine acetyltransferase 3, m	not DE	not DE	not DE	not DE
EVM0022166	LG6	Serine acetyltransferase 3, m	not DE	not DE	not DE	not DE
EVM0021186	LG6	Serine/threonine protein phos	not DE	not DE	not DE	not DE
EVM0011938	LG6	Serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0022900	LG6	Serine/threonine-protein phos	not DE	not DE	not DE	not DE
EVM0013915	LG6	Slit protein C-product, putat	not DE	not DE	not DE	not DE
EVM0009144	LG6	Staurosporin and temperature	not DE	not DE	not DE	not DE
EVM0004799	LG6	Sulfate/thiosulfate import AT	not DE	not DE	not DE	not DE
EVM0024636	LG6	Tetraspanin2	not DE	not DE	not DE	not DE
EVM0004715	LG6	Tetratricopeptide repeat (TPR	not DE	not DE	not DE	not DE
EVM0010024	LG6	Tetratricopeptide repeat supe	not DE	not DE	not DE	not DE
EVM0012296	LG6	Tetratricopeptide-like helica	1.898995	0.011533	not DE	not DE
EVM0017634	LG6	Thioredoxin F-type 1	-1.32551	0.017892	not DE	not DE
EVM0002450	LG6	Transcription factor RAX1, pu	not DE	not DE	not DE	not DE
EVM0007015	LG6	Transcription factor jumonji	not DE	not DE	not DE	not DE
EVM0007121	LG6	Transducin/WD40 repeat-like s	not DE	not DE	not DE	not DE
EVM0013022	LG6	Tubulin folding cofactor A (K	not DE	not DE	not DE	not DE
EVM0017392	LG6	U6 snRNA-associated Sm-like p	not DE	not DE	not DE	not DE
EVM0020761	LG6	UDP-glucose flavonoid glucosy	not DE	not DE	not DE	not DE
EVM0014964	LG6	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0021387	LG6	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0001787	LG6	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0023268	LG6	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0015751	LG6	Uncharacterized protein TCM_C	not DE	not DE	1.127693	#####
EVM0016992	LG6	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE

EVM0015674	LG6	Uncharacterized protein TCM_0	not DE	not DE	not DE	not DE
EVM0020450	LG6	Uncharacterized protein TCM_0	not DE	not DE	not DE	not DE
EVM0014058	LG6	Uncharacterized protein TCM_0	not DE	not DE	not DE	not DE
EVM0014139	LG6	Uncharacterized protein TCM_0	not DE	not DE	not DE	not DE
EVM0000730	LG6	Uncharacterized protein TCM_0	not DE	not DE	not DE	not DE
EVM0021923	LG6	Uncharacterized protein TCM_0	not DE	not DE	not DE	not DE
EVM0019942	LG6	Uncharacterized protein TCM_0	2.331982	0.002135	not DE	not DE
EVM0000653	LG6	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0001778	LG6	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0012461	LG6	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0014913	LG6	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0019613	LG6	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0002807	LG6	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0000724	LG6	Villin 4 isoform 2	not DE	not DE	not DE	not DE
EVM0020928	LG6	WRKY DNA-binding protein 2, p	not DE	not DE	not DE	not DE
EVM0017911	LG6	WUSCHEL related homeobox 11	not DE	not DE	not DE	not DE
EVM0018386	LG6	Xyloglucan endotransglucosyla	not DE	not DE	not DE	not DE
EVM0018602	LG6	Ypt/Rab-GAP domain of gypl s	not DE	not DE	not DE	not DE
EVM0020704	LG6	Zinc finger C-x8-C-x5-C-x3-H	not DE	not DE	not DE	not DE
EVM0008972	LG6	acetyl-CoA acetyltransferase,	not DE	not DE	not DE	not DE
EVM0008216	LG6	acetyl-CoA acetyltransferase,	not DE	not DE	not DE	not DE
EVM0006259	LG6	acyl carrier protein, putativ	not DE	not DE	not DE	not DE
EVM0008162	LG6	acyl carrier protein, putativ	not DE	not DE	not DE	not DE
EVM0008277	LG6	acyl carrier protein, putativ	not DE	not DE	not DE	not DE
EVM0010651	LG6	acyl carrier protein, putativ	not DE	not DE	not DE	not DE
EVM0014240	LG6	acyl carrier protein, putativ	not DE	not DE	not DE	not DE
EVM0020756	LG6	acyl carrier protein, putativ	not DE	not DE	not DE	not DE
EVM0021464	LG6	acyl carrier protein, putativ	not DE	not DE	not DE	not DE
EVM0016547	LG6	aldehyde dehydrogenase, putat	not DE	not DE	not DE	not DE
EVM0000638	LG6	auxin response factor	not DE	not DE	not DE	not DE
EVM0005226	LG6	cinnamate 4-hydroxylase CYP73	not DE	not DE	not DE	not DE
EVM0022976	LG6	clock-associated PAS protein	not DE	not DE	not DE	not DE
EVM0000709	LG6	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0001584	LG6	conserved hypothetical protei	-2.28935	0.00029	not DE	not DE
EVM0003310	LG6	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0003449	LG6	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0008053	LG6	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0008957	LG6	conserved hypothetical protei	-1.74336	0.044879	not DE	not DE
EVM0011021	LG6	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0011375	LG6	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0012213	LG6	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0012814	LG6	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0017191	LG6	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0018046	LG6	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0018062	LG6	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0018178	LG6	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0019652	LG6	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0018068	LG6	copine, putative	not DE	not DE	not DE	not DE
EVM0018989	LG6	copine, putative	not DE	not DE	not DE	not DE
EVM0016500	LG6	copper/zinc-superoxide dismut	not DE	not DE	not DE	not DE
EVM0020088	LG6	cyclin dependent kinase A	not DE	not DE	not DE	not DE
EVM0002875	LG6	dehydrin	2.751663	0.000281	2.123044	#####
EVM0020210	LG6	diacylglycerol acyltransferas	not DE	not DE	not DE	not DE
EVM0013093	LG6	earlier flowering 1	not DE	not DE	not DE	not DE

EVM0005182	LG6	electron transporter, putative	not DE	not DE	not DE	not DE
EVM0001705	LG6	flavanone-O-beta-L-rhamnosylt	not DE	not DE	not DE	not DE
EVM0013999	LG6	flavanone-O-beta-L-rhamnosylt	not DE	not DE	not DE	not DE
EVM0022396	LG6	flowering locus T	not DE	not DE	not DE	not DE
EVM0012685	LG6	flowering locus T-like protein	not DE	not DE	not DE	not DE
EVM0021328	LG6	flowering locus T-like protein	not DE	not DE	not DE	not DE
EVM0000623	LG6	gag-pol polyprotein	not DE	not DE	not DE	not DE
EVM0007111	LG6	gibberellin 20-oxidase family	not DE	not DE	not DE	not DE
EVM0012706	LG6	glutamate dehydrogenase, puta	not DE	not DE	not DE	not DE
EVM0005455	LG6	glutaredoxin	not DE	not DE	not DE	not DE
EVM0024213	LG6	glutaredoxin	not DE	not DE	not DE	not DE
EVM0017617	LG6	hexokinase	not DE	not DE	not DE	not DE
EVM0018761	LG6	hydrolase family protein	not DE	not DE	not DE	not DE
EVM0009407	LG6	hypothetical protein	not DE	not DE	not DE	not DE
EVM0018325	LG6	hypothetical protein	not DE	not DE	not DE	not DE
EVM0020025	LG6	hypothetical protein 17	not DE	not DE	not DE	not DE
EVM0023702	LG6	hypothetical protein AALP_AA3	not DE	not DE	not DE	not DE
EVM0000193	LG6	hypothetical protein AMTR_s03	not DE	not DE	not DE	not DE
EVM0001818	LG6	hypothetical protein AMTR_s05	not DE	not DE	not DE	not DE
EVM0005095	LG6	hypothetical protein AMTR_s05	not DE	not DE	not DE	not DE
EVM0006976	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014713	LG6	hypothetical protein CICLE_v1	not DE	not DE	-1.14476	0.00093
EVM0006337	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008051	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005004	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001182	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000456	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023755	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017460	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022392	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008344	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004100	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004203	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020386	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003622	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015571	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021681	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012373	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008662	LG6	hypothetical protein CICLE_v1	not DE	not DE	-1.24895	#####
EVM0013432	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006562	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021672	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005331	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021771	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013935	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001250	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021124	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001358	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015291	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015148	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010559	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022888	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009652	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013141	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0010668	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007707	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012263	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004736	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022829	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002836	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001205	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005517	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023374	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019342	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004264	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010564	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011210	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013144	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012959	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021349	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016892	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018848	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010611	LG6	hypothetical protein CICLE_v1	1.325594	0.01649	not DE	not DE
EVM0022946	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016843	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005418	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014493	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022564	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024004	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000561	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020752	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001880	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017546	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018756	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023073	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007089	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006195	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015805	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011057	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003051	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001343	LG6	hypothetical protein CICLE_v1	-1.16579	0.013525	not DE	not DE
EVM0015439	LG6	hypothetical protein CICLE_v1	not DE	not DE	-2.01828	0.00827
EVM0015127	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006736	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017533	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004409	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023509	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019488	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019656	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000714	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003171	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004775	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015897	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019322	LG6	hypothetical protein CICLE_v1	1.79581	9.26E-05	not DE	not DE
EVM0006707	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023740	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011933	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022015	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0006859	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018022	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016609	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020862	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007548	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016657	LG6	hypothetical protein CICLE_v1	1.591655	0.026743	not DE	not DE
EVM0010903	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023475	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016430	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004324	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005903	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024246	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002694	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022907	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004957	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004468	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008912	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002051	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020029	LG6	hypothetical protein CICLE_v1	1.83903	2.14E-08	not DE	not DE
EVM0006192	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013359	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015968	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020982	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016094	LG6	hypothetical protein CICLE_v1	not DE	not DE	-1.09174	0.01152
EVM0010985	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007621	LG6	hypothetical protein CICLE_v1	not DE	not DE	-1.27725	0.00475
EVM0003687	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018751	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015872	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007229	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018882	LG6	hypothetical protein CICLE_v1	-1.03836	0.048743	not DE	not DE
EVM0016525	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011991	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007858	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007311	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001134	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000945	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013971	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015205	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011520	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000350	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019026	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021850	LG6	hypothetical protein CICLE_v1	1.496366	0.001165	not DE	not DE
EVM0024408	LG6	hypothetical protein CICLE_v1	1.050468	0.000175	not DE	not DE
EVM0019849	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002072	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019627	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009759	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021271	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002843	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018871	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022519	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004946	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006943	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0011399	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023735	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019427	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020119	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001000	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021816	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017655	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007392	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018915	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012658	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004273	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012622	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012973	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007078	LG6	hypothetical protein CICLE_v1	1.126396	9.09E-07	not DE	not DE
EVM0010061	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003617	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003701	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005461	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011016	LG6	hypothetical protein CICLE_v1	1.206773	0.020997	not DE	not DE
EVM0005072	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006768	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013129	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018105	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003536	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011401	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013056	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021528	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005186	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008599	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004876	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017426	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014653	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003402	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005223	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016382	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021876	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021363	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017925	LG6	hypothetical protein CICLE_v1	1.577064	8.03E-06	not DE	not DE
EVM0015569	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014052	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007564	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004900	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011946	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015993	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022988	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014092	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006401	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014260	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012336	LG6	hypothetical protein CICLE_v1	-2.51413	5.17E-06	-2.55083	#####
EVM0016457	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016504	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004943	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006998	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009816	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE



EVM0009832	LG6	hypothetical protein CICLE_v1	not DE	not DE	2.933492	0.00373
EVM0017039	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010495	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014277	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019759	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008902	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000589	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005334	LG6	hypothetical protein CICLE_v1	2.196262	0.008608	3.257326	#####
EVM0022929	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003187	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002674	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005138	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006493	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023184	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015454	LG6	hypothetical protein CICLE_v1	-1.72614	8.30E-11	not DE	not DE
EVM0009034	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000634	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015597	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012514	LG6	hypothetical protein CICLE_v1	-1.64205	7.46E-08	not DE	not DE
EVM0000950	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006937	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008973	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010274	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010362	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007681	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022817	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000406	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014484	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005221	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010209	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001762	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013136	LG6	hypothetical protein CICLE_v1	not DE	not DE	1.331206	#####
EVM0001424	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006009	LG6	hypothetical protein CICLE_v1	-3.65397	0.040279	2.095451	0.01692
EVM0004971	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002778	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007860	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012345	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021466	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011550	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010708	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016711	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021238	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007425	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016344	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020083	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021934	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007772	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024285	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022432	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014783	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021467	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010797	LG6	hypothetical protein CICLE_v1	1.640061	0.026705	not DE	not DE
EVM0001111	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0016848	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001968	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021906	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005436	LG6	hypothetical protein CICLE_v1	1.441125	0.031679	not DE	not DE
EVM0023120	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016554	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003136	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021402	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000845	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007676	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017147	LG6	hypothetical protein CICLE_v1	not DE	not DE	-1.09475	#####
EVM0024500	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006393	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016434	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002740	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001927	LG6	hypothetical protein CICLE_v1	1.359417	0.001628	not DE	not DE
EVM0001263	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020374	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018879	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004664	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012990	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018248	LG6	hypothetical protein CICLE_v1	-1.27331	0.002538	not DE	not DE
EVM0016512	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003448	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015702	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023235	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003277	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003104	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012682	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003180	LG6	hypothetical protein CICLE_v1	-1.37488	0.000128	-1.00629	#####
EVM0019372	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010899	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015223	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020050	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013654	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012128	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021106	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018731	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024430	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022960	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019970	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010695	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020035	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023968	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017763	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009310	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018006	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017587	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020008	LG6	hypothetical protein CICLE_v1	1.738958	0.00115	not DE	not DE
EVM0018573	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006220	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001913	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021053	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004657	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0024238	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007442	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016181	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011358	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006101	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020474	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000637	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000596	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020265	LG6	hypothetical protein CICLE_v1	not DE	not DE	1.446455	0.02458
EVM0004066	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016099	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004489	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004831	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016639	LG6	hypothetical protein CICLE_v1	not DE	not DE	1.008399	0.0125
EVM0023388	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010606	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017439	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010761	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019609	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018925	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020566	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006123	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016539	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000455	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019879	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017810	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021296	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008025	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008799	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023217	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013502	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005980	LG6	hypothetical protein CICLE_v1	not DE	not DE	-1.0673	#####
EVM0000661	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004645	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014404	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008341	LG6	hypothetical protein CICLE_v1	not DE	not DE	-1.23387	#####
EVM0005490	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003115	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014448	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015784	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023495	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001044	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007601	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024670	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012946	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019920	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020537	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014011	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017286	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015523	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016745	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016389	LG6	hypothetical protein CICLE_v1	not DE	not DE	-1.14293	0.04106
EVM0003086	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005150	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0009638	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013159	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009406	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018052	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004103	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016377	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001648	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018484	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003504	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022402	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016378	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006165	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012526	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005608	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002879	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014154	LG6	hypothetical protein CICLE_v1	-4.04549	0.015342	-4.35951	0.02786
EVM0012810	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019481	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023391	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011320	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008232	LG6	hypothetical protein CICLE_v1	not DE	not DE	7.655685	#####
EVM0004627	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021138	LG6	hypothetical protein CICLE_v1	4.040821	2.94E-06	not DE	not DE
EVM0018420	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021941	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004278	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007461	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023569	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023016	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007612	LG6	hypothetical protein CICLE_v1	not DE	not DE	3.081665	0.00476
EVM0005075	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001949	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000068	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000282	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014035	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021266	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012629	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015066	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006771	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018332	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006345	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024400	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019241	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006391	LG6	hypothetical protein CICLE_v1	not DE	not DE	1.056996	0.00093
EVM0022910	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013434	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000333	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012725	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020739	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006202	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020356	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022650	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010613	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003927	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0003804	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002786	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016646	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022123	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011958	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018439	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020394	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005756	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011443	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017438	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000641	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013923	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022474	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024264	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001483	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001773	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021870	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021480	LG6	hypothetical protein CICLE_v1	1.893484	0.000283	not DE	not DE
EVM0015901	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006076	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012234	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021456	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000431	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002305	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014733	LG6	hypothetical protein CICLE_v1	1.372373	0.023678	not DE	not DE
EVM0021477	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000547	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003341	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019139	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005529	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024390	LG6	hypothetical protein CICLE_v1	2.606898	0.014033	not DE	not DE
EVM0009216	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024585	LG6	hypothetical protein CICLE_v1	-1.16512	0.041575	not DE	not DE
EVM0018387	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013714	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011614	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009750	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006513	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002141	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010392	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009605	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000856	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015678	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023599	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010774	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011351	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016249	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023227	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014227	LG6	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019588	LG6	hypothetical protein CISIN_1g	not DE	not DE	-1.22602	#####
EVM0023818	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011063	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005741	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020041	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0012553	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011797	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021648	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020013	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024039	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024485	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010618	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023491	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018031	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011606	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021830	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013684	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002377	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024555	LG6	hypothetical protein CISIN_1g	not DE	not DE	-1.32056	#####
EVM0022934	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002944	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023159	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012482	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015498	LG6	hypothetical protein CISIN_1g	not DE	not DE	1.040645	0.00778
EVM0007665	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009414	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017060	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017187	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014825	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014403	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022801	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002321	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006574	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005052	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013787	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011381	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008320	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024059	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009447	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006150	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024244	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018241	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000486	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015411	LG6	hypothetical protein CISIN_1g	2.142021	0.016658	not DE	not DE
EVM0002986	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022001	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008410	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017837	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007620	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008054	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012910	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019016	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016035	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008370	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013316	LG6	hypothetical protein CISIN_1g	-2.96082	0.026437	not DE	not DE
EVM0017033	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015294	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014111	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018495	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0012020	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020321	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012630	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013011	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002020	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011932	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003072	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007574	LG6	hypothetical protein CISIN_1g	1.278945	9.09E-07	not DE	not DE
EVM0000680	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004379	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021365	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005399	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006699	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021088	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006760	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018678	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004796	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015905	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002916	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006813	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023128	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006903	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005273	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011761	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014256	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014663	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020328	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020455	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002975	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017956	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024063	LG6	hypothetical protein CISIN_1g	not DE	not DE	1.012641	0.03057
EVM0005619	LG6	hypothetical protein CISIN_1g	-5.87022	3.76E-17	-1.55072	0.00019
EVM0024323	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008267	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001178	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016305	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022311	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015070	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007233	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011041	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016220	LG6	hypothetical protein CISIN_1g	-1.18187	2.03E-07	not DE	not DE
EVM0021505	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007071	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008768	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006917	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014804	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012458	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024470	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017741	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022955	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011695	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014832	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018468	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011044	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0007287	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006655	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018555	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016706	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019852	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013609	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011645	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019916	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021308	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010940	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022527	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003690	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009399	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022645	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012098	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014937	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009292	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022601	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015815	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020758	LG6	hypothetical protein CISIN_1g	not DE	not DE	1.287583	0.00524
EVM0017163	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002749	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021552	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019758	LG6	hypothetical protein CISIN_1g	not DE	not DE	1.010193	0.00089
EVM0011481	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014792	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018681	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005518	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021267	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010026	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012908	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012223	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006906	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024020	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008911	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009614	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022679	LG6	hypothetical protein CISIN_1g	1.273251	0.00018	not DE	not DE
EVM0004752	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003046	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004905	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008837	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022927	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003189	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015836	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012138	LG6	hypothetical protein CISIN_1g	-1.44844	0.037412	not DE	not DE
EVM0019214	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016889	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000932	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011349	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016663	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007809	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001195	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003024	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008385	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE



EVM0002046	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001760	LG6	hypothetical protein CISIN_1g	1.242173	0.019245	1.491178	#####
EVM0022612	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009885	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014201	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023112	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007932	LG6	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009200	LG6	hypothetical protein Csa_2G43	not DE	not DE	not DE	not DE
EVM0013297	LG6	hypothetical protein Csa_6G51	not DE	not DE	not DE	not DE
EVM0015450	LG6	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0020536	LG6	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0013524	LG6	hypothetical protein F383_027	not DE	not DE	not DE	not DE
EVM0006071	LG6	hypothetical protein F383_077	not DE	not DE	not DE	not DE
EVM0000783	LG6	hypothetical protein F383_092	not DE	not DE	not DE	not DE
EVM0006112	LG6	hypothetical protein F383_164	not DE	not DE	not DE	not DE
EVM0000492	LG6	hypothetical protein F383_322	not DE	not DE	not DE	not DE
EVM0008445	LG6	hypothetical protein F383_322	not DE	not DE	not DE	not DE
EVM0009056	LG6	hypothetical protein JCGZ_005	not DE	not DE	not DE	not DE
EVM0016879	LG6	hypothetical protein JCGZ_005	not DE	not DE	not DE	not DE
EVM0020999	LG6	hypothetical protein JCGZ_005	not DE	not DE	not DE	not DE
EVM0021902	LG6	hypothetical protein JCGZ_005	not DE	not DE	not DE	not DE
EVM0002274	LG6	hypothetical protein JCGZ_027	not DE	not DE	not DE	not DE
EVM0018895	LG6	hypothetical protein JCGZ_027	not DE	not DE	not DE	not DE
EVM0005815	LG6	hypothetical protein JCGZ_027	not DE	not DE	2.038404	#####
EVM0006080	LG6	hypothetical protein JCGZ_027	not DE	not DE	not DE	not DE
EVM0024291	LG6	hypothetical protein JCGZ_051	not DE	not DE	not DE	not DE
EVM0019523	LG6	hypothetical protein JCGZ_062	not DE	not DE	not DE	not DE
EVM0020600	LG6	hypothetical protein JCGZ_072	not DE	not DE	not DE	not DE
EVM0023338	LG6	hypothetical protein JCGZ_073	not DE	not DE	not DE	not DE
EVM0019581	LG6	hypothetical protein JCGZ_073	not DE	not DE	not DE	not DE
EVM0022122	LG6	hypothetical protein JCGZ_073	not DE	not DE	not DE	not DE
EVM0004746	LG6	hypothetical protein JCGZ_073	not DE	not DE	not DE	not DE
EVM0014390	LG6	hypothetical protein JCGZ_073	not DE	not DE	not DE	not DE
EVM0021350	LG6	hypothetical protein JCGZ_074	not DE	not DE	not DE	not DE
EVM0008046	LG6	hypothetical protein JCGZ_074	not DE	not DE	not DE	not DE
EVM0012340	LG6	hypothetical protein JCGZ_074	not DE	not DE	not DE	not DE
EVM0023429	LG6	hypothetical protein JCGZ_075	not DE	not DE	not DE	not DE
EVM0008135	LG6	hypothetical protein JCGZ_076	not DE	not DE	not DE	not DE
EVM0003679	LG6	hypothetical protein JCGZ_076	-1.29199	0.003274	not DE	not DE
EVM0005036	LG6	hypothetical protein JCGZ_089	not DE	not DE	not DE	not DE
EVM0005062	LG6	hypothetical protein JCGZ_103	not DE	not DE	not DE	not DE
EVM0024043	LG6	hypothetical protein JCGZ_103	not DE	not DE	not DE	not DE
EVM0009248	LG6	hypothetical protein JCGZ_129	not DE	not DE	not DE	not DE
EVM0008179	LG6	hypothetical protein JCGZ_132	not DE	not DE	not DE	not DE
EVM0001641	LG6	hypothetical protein JCGZ_136	not DE	not DE	not DE	not DE
EVM0023281	LG6	hypothetical protein JCGZ_144	not DE	not DE	not DE	not DE
EVM0001935	LG6	hypothetical protein JCGZ_152	not DE	not DE	1.168161	#####
EVM0011321	LG6	hypothetical protein JCGZ_180	not DE	not DE	not DE	not DE
EVM0007303	LG6	hypothetical protein JCGZ_180	not DE	not DE	not DE	not DE
EVM0000582	LG6	hypothetical protein JCGZ_198	not DE	not DE	not DE	not DE
EVM0011228	LG6	hypothetical protein JCGZ_198	not DE	not DE	not DE	not DE
EVM0000367	LG6	hypothetical protein JCGZ_199	not DE	not DE	not DE	not DE
EVM0016391	LG6	hypothetical protein JCGZ_199	not DE	not DE	not DE	not DE
EVM0023899	LG6	hypothetical protein JCGZ_231	1.350663	0.026437	not DE	not DE

EVM0018159	LG6	hypothetical protein JCGZ_231	not DE	not DE	not DE	not DE
EVM0023504	LG6	hypothetical protein JCGZ_233	not DE	not DE	not DE	not DE
EVM0020630	LG6	hypothetical protein JCGZ_234	not DE	not DE	not DE	not DE
EVM0022654	LG6	hypothetical protein JCGZ_234	not DE	not DE	not DE	not DE
EVM0014894	LG6	hypothetical protein JCGZ_234	not DE	not DE	not DE	not DE
EVM0003808	LG6	hypothetical protein JCGZ_235	not DE	not DE	not DE	not DE
EVM0021522	LG6	hypothetical protein L484_005	not DE	not DE	not DE	not DE
EVM0014103	LG6	hypothetical protein L484_006	not DE	not DE	not DE	not DE
EVM0020237	LG6	hypothetical protein L484_010	not DE	not DE	not DE	not DE
EVM0020496	LG6	hypothetical protein L484_010	-2.29984	0.000654	not DE	not DE
EVM0010438	LG6	hypothetical protein L484_012	not DE	not DE	not DE	not DE
EVM0006447	LG6	hypothetical protein L484_013	not DE	not DE	not DE	not DE
EVM0005255	LG6	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0017682	LG6	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0016267	LG6	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0012886	LG6	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0010595	LG6	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0011685	LG6	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0000245	LG6	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0003059	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020379	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0013930	LG6	hypothetical protein POPTR_00	not DE	not DE	1.667881	#####
EVM0001357	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0007995	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0018735	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0012548	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006977	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002579	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023107	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0008182	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0003612	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0005965	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0015977	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0024653	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0004908	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0014371	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0009909	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006466	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0022207	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0008777	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0003068	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0004954	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0005181	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0013072	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0014614	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0016140	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0011034	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0016607	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0008066	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0005080	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002439	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0011580	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0017905	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0022528	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE

EVM0018230	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006124	LG6	hypothetical protein POPTR_00	not DE	not DE	2.128504	0.03857
EVM0009005	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0003304	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0011525	LG6	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010865	LG6	hypothetical protein PRUPE_pp	not DE	not DE	-1.28086	#####
EVM0021342	LG6	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0012266	LG6	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0001153	LG6	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0024345	LG6	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0004597	LG6	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0012023	LG6	hypothetical protein PRUPE_pp	2.775971	0.018515	not DE	not DE
EVM0007210	LG6	hypothetical protein PRUPE_pp	-3.10446	3.11E-05	not DE	not DE
EVM0020776	LG6	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0005846	LG6	hypothetical protein PRUPE_pp	2.626298	0.000457	2.682117	#####
EVM0018457	LG6	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0001894	LG6	hypothetical protein PRUPE_pp	not DE	not DE	1.76871	0.04106
EVM0017718	LG6	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0000591	LG6	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0021420	LG6	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0005682	LG6	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0018567	LG6	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0013903	LG6	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0007715	LG6	hypothetical protein RCOM_086	not DE	not DE	not DE	not DE
EVM0012396	LG6	hypothetical protein RCOM_086	not DE	not DE	not DE	not DE
EVM0000528	LG6	hypothetical protein RCOM_104	not DE	not DE	not DE	not DE
EVM0011040	LG6	hypothetical protein RCOM_143	not DE	not DE	not DE	not DE
EVM0016826	LG6	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0012251	LG6	hypothetical protein VITISV_0	1.43285	0.045149	not DE	not DE
EVM0014835	LG6	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0014279	LG6	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0005355	LG6	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0023366	LG6	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0013761	LG6	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0017633	LG6	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0010724	LG6	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0007251	LG6	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0008329	LG6	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0014532	LG6	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0022521	LG6	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0000604	LG6	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0003967	LG6	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0001626	LG6	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0002806	LG6	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0023823	LG6	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0011004	LG6	hypothetical protein ZEAMMB73	not DE	not DE	1.047758	0.01367
EVM0013672	LG6	integrase	not DE	not DE	not DE	not DE
EVM0015846	LG6	integrase	not DE	not DE	not DE	not DE
EVM0024437	LG6	integrase	not DE	not DE	not DE	not DE
EVM0020319	LG6	kinase family protein	not DE	not DE	not DE	not DE
EVM0013219	LG6	leafy cotyledon1-like protein	not DE	not DE	not DE	not DE
EVM0010735	LG6	leucine-rich repeat receptor	not DE	not DE	not DE	not DE
EVM0015386	LG6	lung seven transmembrane rece	not DE	not DE	not DE	not DE
EVM0001264	LG6	maternal effect embryo arrest	not DE	not DE	1.506932	0.00064

EVM0001089	LG6	maternal effect embryo arrest	not DE	not DE	not DE	not DE
EVM0001629	LG6	maternal effect embryo arrest	not DE	not DE	not DE	not DE
EVM0021008	LG6	maternal effect embryo arrest	not DE	not DE	not DE	not DE
EVM0024171	LG6	multidrug resistance pump, pu	not DE	not DE	not DE	not DE
EVM0011839	LG6	orf101b (mitochondrion)	not DE	not DE	not DE	not DE
EVM0019855	LG6	phosphofructokinase	not DE	not DE	not DE	not DE
EVM0013939	LG6	phospholipase D	4.541867	3.90E-05	not DE	not DE
EVM0008034	LG6	phytochrome A	not DE	not DE	not DE	not DE
EVM0013827	LG6	plastid acyl-ACP thioesterase	not DE	not DE	not DE	not DE
EVM0007622	LG6	pollen Ole e 1 allergen and e	not DE	not DE	not DE	not DE
EVM0001401	LG6	protein phosphatase-2c, putat	not DE	not DE	not DE	not DE
EVM0014930	LG6	putative -like protein	not DE	not DE	not DE	not DE
EVM0022428	LG6	putative L-galactose-1-phosph	not DE	not DE	1.330107	0.04151
EVM0012534	LG6	retrotransposon protein, puta	not DE	not DE	not DE	not DE
EVM0018522	LG6	ribosomal protein L32 (chloro	not DE	not DE	not DE	not DE
EVM0011405	LG6	short-chain dehydrogenase/red	not DE	not DE	not DE	not DE
EVM0011961	LG6	stress-induced hydrophobic pe	not DE	not DE	1.452411	0.01112
EVM0008688	LG6	sugar transporter, putative	not DE	not DE	not DE	not DE
EVM0009274	LG6	sugar transporter, putative	not DE	not DE	not DE	not DE
EVM0010678	LG6	sugar transporter, putative	3.557938	0.037014	not DE	not DE
EVM0018954	LG6	terminal flower 2-1	not DE	not DE	not DE	not DE
EVM0021035	LG6	tonoplast dicarboxylate trans	not DE	not DE	not DE	not DE
EVM0014577	LG6	transposase	not DE	not DE	not DE	not DE
EVM0018926	LG6	uncharacterized protein LOC10	not DE	not DE	not DE	not DE
EVM0001310	LG6	uncharacterized protein LOC10	not DE	not DE	not DE	not DE
EVM0000991	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0002611	LG6	unknown protein	not DE	not DE	5.908348	0.00251
EVM0003415	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0003421	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0003427	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0003450	LG6	unknown protein	2.456033	0.001553	not DE	not DE
EVM0003580	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0003874	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0005139	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0008478	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0009781	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0010675	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0011010	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0011166	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0014205	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0016728	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0016839	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0017705	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0018164	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0018621	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0018824	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0019453	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0020051	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0021430	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0021730	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0022179	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0022777	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0023962	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0024024	LG6	unknown protein	not DE	not DE	not DE	not DE

EVM0024424	LG6	unknown protein	not DE	not DE	not DE	not DE
EVM0001697	LG6	unnamed protein product	not DE	not DE	not DE	not DE
EVM0001996	LG6	unnamed protein product	not DE	not DE	not DE	not DE
EVM0002989	LG6	unnamed protein product	not DE	not DE	not DE	not DE
EVM0005805	LG6	unnamed protein product	not DE	not DE	not DE	not DE
EVM0011236	LG6	unnamed protein product	not DE	not DE	not DE	not DE
EVM0012676	LG6	unnamed protein product	not DE	not DE	not DE	not DE
EVM0012730	LG6	unnamed protein product	not DE	not DE	not DE	not DE
EVM0014312	LG6	unnamed protein product	not DE	not DE	not DE	not DE
EVM0014519	LG6	unnamed protein product	not DE	not DE	not DE	not DE
EVM0015342	LG6	unnamed protein product	not DE	not DE	not DE	not DE
EVM0015504	LG6	unnamed protein product	not DE	not DE	not DE	not DE
EVM0016912	LG6	unnamed protein product	not DE	not DE	not DE	not DE
EVM0018708	LG6	unnamed protein product	not DE	not DE	not DE	not DE
EVM0019937	LG6	unnamed protein product	not DE	not DE	not DE	not DE
EVM0020580	LG6	unnamed protein product	not DE	not DE	not DE	not DE
EVM0022393	LG6	unnamed protein product	not DE	not DE	not DE	not DE
EVM0015623	LG6	vacuolar malate transmembrane	not DE	not DE	not DE	not DE
EVM0017579	LG6	zeta-carotene desaturase	not DE	not DE	not DE	not DE
EVM0006877	LG7	1-acyl-sn-glycerol-3-phosphatidyl	not DE	not DE	not DE	not DE
EVM0013394	LG7	125 kDa kinesin-related protein	not DE	not DE	not DE	not DE
EVM0023522	LG7	2-methylacyl-CoA dehydrogenase	not DE	not DE	not DE	not DE
EVM0017480	LG7	3'-5' exoribonuclease	not DE	not DE	not DE	not DE
EVM0018224	LG7	3'-5' exoribonuclease	not DE	not DE	not DE	not DE
EVM0005642	LG7	4-coumarate--CoA ligase-like	not DE	not DE	not DE	not DE
EVM0018987	LG7	40S ribosomal protein S15a-5	not DE	not DE	not DE	not DE
EVM0004999	LG7	40S ribosomal protein S23	not DE	not DE	not DE	not DE
EVM0001770	LG7	40S ribosomal protein S24-2	not DE	not DE	not DE	not DE
EVM0013395	LG7	5-methyltetrahydropteroyltri	not DE	not DE	not DE	not DE
EVM0014376	LG7	60S acidic ribosomal protein	not DE	not DE	not DE	not DE
EVM0021468	LG7	60S ribosomal protein L27-like	not DE	not DE	not DE	not DE
EVM0017746	LG7	ABC transporter F family mem	1.496045	0.007719	not DE	not DE
EVM0009566	LG7	ABC transporter G family mem	not DE	not DE	not DE	not DE
EVM0023807	LG7	ABC transporter G family mem	not DE	not DE	not DE	not DE
EVM0001546	LG7	AP2-like ethylene-responsive	not DE	not DE	not DE	not DE
EVM0007943	LG7	BEL1-like homeodomain protei	not DE	not DE	not DE	not DE
EVM0000870	LG7	BTB/POZ and MATH domain-cont	not DE	not DE	not DE	not DE
EVM0019582	LG7	CAP-Gly domain-containing li	not DE	not DE	-1.24478	0.00032
EVM0009530	LG7	DEAD-box ATP-dependent RNA h	not DE	not DE	not DE	not DE
EVM0022391	LG7	DEAD-box ATP-dependent RNA h	not DE	not DE	not DE	not DE
EVM0016951	LG7	DNA ligase 1-like	not DE	not DE	not DE	not DE
EVM0005788	LG7	DNA repair protein RAD51 hom	not DE	not DE	not DE	not DE
EVM0004591	LG7	DNA-damage-repair/toleration	not DE	not DE	not DE	not DE
EVM0010176	LG7	DNA-directed RNA polymerase	not DE	not DE	not DE	not DE
EVM0023101	LG7	E3 SUMO-protein ligase SIZ1-	not DE	not DE	not DE	not DE
EVM0013577	LG7	E3 UFM1-protein ligase 1 hom	not DE	not DE	not DE	not DE
EVM0016800	LG7	E3 UFM1-protein ligase 1 hom	not DE	not DE	not DE	not DE
EVM0005396	LG7	E3 ubiquitin ligase BIG BRO	not DE	not DE	not DE	not DE
EVM0001614	LG7	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0022476	LG7	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0004635	LG7	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0020099	LG7	ETHYLENE INSENSITIVE 3-like	not DE	not DE	not DE	not DE
EVM0012790	LG7	F-box/LRR-repeat protein Atl	not DE	not DE	not DE	not DE
EVM0006034	LG7	F-box/WD-40 repeat-containin	not DE	not DE	not DE	not DE

EVM0014809	LG7	G-type lectin S-receptor-like	not DE	not DE	not DE	not DE
EVM0014892	LG7	G-type lectin S-receptor-like	not DE	not DE	not DE	not DE
EVM0020499	LG7	G-type lectin S-receptor-like	not DE	not DE	not DE	not DE
EVM0005240	LG7	G2/mitotic-specific cyclin-like	not DE	not DE	not DE	not DE
EVM0021835	LG7	G2/mitotic-specific cyclin-like	not DE	not DE	not DE	not DE
EVM0009288	LG7	GATA transcription factor like	not DE	not DE	not DE	not DE
EVM0003523	LG7	GDSL esterase/lipase At5g228	not DE	not DE	not DE	not DE
EVM0018277	LG7	GDSL esterase/lipase At5g418	not DE	not DE	not DE	not DE
EVM0014380	LG7	GTPase-activating protein gamma	not DE	not DE	not DE	not DE
EVM0013111	LG7	L-ascorbate oxidase homolog	not DE	not DE	not DE	not DE
EVM0016814	LG7	L-ascorbate oxidase-like	not DE	not DE	not DE	not DE
EVM0007108	LG7	LOB domain-containing protein	not DE	not DE	not DE	not DE
EVM0003328	LG7	LOW QUALITY PROTEIN: subtilisin	not DE	not DE	1.704811	0.02711
EVM0005631	LG7	LOW QUALITY PROTEIN: uncharacterized	not DE	not DE	not DE	not DE
EVM0005034	LG7	NAC domain-containing protein	not DE	not DE	not DE	not DE
EVM0008227	LG7	NAC domain-containing protein	not DE	not DE	not DE	not DE
EVM0020193	LG7	NAD(H) kinase 1-like isoform	not DE	not DE	not DE	not DE
EVM0001036	LG7	OTU domain-containing protein	not DE	not DE	not DE	not DE
EVM0004472	LG7	OTU domain-containing protein	not DE	not DE	not DE	not DE
EVM0008209	LG7	SNF1-related protein kinase	not DE	not DE	not DE	not DE
EVM0016492	LG7	SNF1-related protein kinase	not DE	not DE	not DE	not DE
EVM0001174	LG7	UPF0481 protein At3g47200-like	not DE	not DE	not DE	not DE
EVM0009739	LG7	UPF0481 protein At3g47200-like	not DE	not DE	not DE	not DE
EVM0024123	LG7	WAT1-related protein Atlg436	not DE	not DE	not DE	not DE
EVM0008810	LG7	alcohol-forming fatty acyl-CoA	not DE	not DE	not DE	not DE
EVM0009254	LG7	alcohol-forming fatty acyl-CoA	not DE	not DE	not DE	not DE
EVM0015075	LG7	alcohol-forming fatty acyl-CoA	not DE	not DE	not DE	not DE
EVM0012770	LG7	alkaline/neutral invertase C	not DE	not DE	not DE	not DE
EVM0005658	LG7	aluminum-activated malate transaminase	not DE	not DE	not DE	not DE
EVM0003890	LG7	ankyrin repeat-containing protein	not DE	not DE	not DE	not DE
EVM0011279	LG7	ankyrin repeat-containing protein	not DE	not DE	not DE	not DE
EVM0008614	LG7	ankyrin repeat-containing protein	not DE	not DE	not DE	not DE
EVM0013216	LG7	ankyrin repeat-containing protein	not DE	not DE	not DE	not DE
EVM0018194	LG7	ankyrin repeat-containing protein	not DE	not DE	not DE	not DE
EVM0024417	LG7	ankyrin repeat-containing protein	not DE	not DE	not DE	not DE
EVM0021542	LG7	ankyrin-2-like	not DE	not DE	not DE	not DE
EVM0008159	LG7	anthocyanidin 3-O-glucoside	not DE	not DE	not DE	not DE
EVM0006472	LG7	arabinogalactan peptide 13-like	not DE	not DE	2.191607	#####
EVM0001363	LG7	armadillo repeat-containing protein	not DE	not DE	not DE	not DE
EVM0007469	LG7	armadillo repeat-containing protein	not DE	not DE	not DE	not DE
EVM0016407	LG7	aspartic proteinase nepenthesin	not DE	not DE	not DE	not DE
EVM0008894	LG7	aspartic proteinase-like protein	not DE	not DE	not DE	not DE
EVM0013678	LG7	beta-glucosidase 12-like	not DE	not DE	not DE	not DE
EVM0017261	LG7	beta-glucosidase 12-like	not DE	not DE	not DE	not DE
EVM0016660	LG7	beta-glucosidase 24-like	not DE	not DE	not DE	not DE
EVM0004583	LG7	bifunctional aspartokinase/histidine kinase	not DE	not DE	not DE	not DE
EVM0016746	LG7	biogenesis of lysosome-related organelles complex 1	not DE	not DE	not DE	not DE
EVM0000265	LG7	bystin-like isoform X3	1.338827	0.000647	not DE	not DE
EVM0021329	LG7	caffeic acid 3-O-methyltransferase	not DE	not DE	not DE	not DE
EVM0024572	LG7	caffeic acid 3-O-methyltransferase	not DE	not DE	not DE	not DE
EVM0013265	LG7	callose synthase 2-like	not DE	not DE	not DE	not DE
EVM0016178	LG7	callose synthase 2-like	not DE	not DE	not DE	not DE
EVM0011962	LG7	callose synthase 9-like isoform	not DE	not DE	-1.22697	#####
EVM0018544	LG7	calmodulin-7 isoform X1	not DE	not DE	not DE	not DE

EVM0006974	LG7	calpain-type cysteine protease	not DE	not DE	not DE	not DE
EVM0002018	LG7	casbene synthase, chloroplast	not DE	not DE	not DE	not DE
EVM0003445	LG7	casbene synthase, chloroplast	not DE	not DE	not DE	not DE
EVM0006028	LG7	casbene synthase, chloroplast	not DE	not DE	not DE	not DE
EVM0008265	LG7	casbene synthase, chloroplast	not DE	not DE	not DE	not DE
EVM0009512	LG7	casbene synthase, chloroplast	not DE	not DE	not DE	not DE
EVM0010007	LG7	casbene synthase, chloroplast	not DE	not DE	not DE	not DE
EVM0020639	LG7	casbene synthase, chloroplast	not DE	not DE	not DE	not DE
EVM0020794	LG7	casbene synthase, chloroplast	not DE	not DE	not DE	not DE
EVM0023043	LG7	casbene synthase, chloroplast	not DE	not DE	not DE	not DE
EVM0023560	LG7	casbene synthase, chloroplast	not DE	not DE	not DE	not DE
EVM0004254	LG7	chitinase 2-like	not DE	not DE	not DE	not DE
EVM0021182	LG7	chromodomain-helicase-DNA-binding	not DE	not DE	not DE	not DE
EVM0003951	LG7	classical arabinogalactan protein	not DE	not DE	not DE	not DE
EVM0009258	LG7	classical arabinogalactan protein	-3.39259	2.94E-06	not DE	not DE
EVM0012798	LG7	constitutive photomorphogenesis	not DE	not DE	not DE	not DE
EVM0008091	LG7	crt homolog 1-like	not DE	not DE	not DE	not DE
EVM0002631	LG7	cucumislin-like	not DE	not DE	not DE	not DE
EVM0001896	LG7	cytochrome P450 94A1-like	not DE	not DE	not DE	not DE
EVM0020307	LG7	cytokinin riboside 5'-phosphoryl	not DE	not DE	not DE	not DE
EVM0000042	LG7	dehydrogenase/reductase SDR	not DE	not DE	not DE	not DE
EVM0019734	LG7	dentin sialophosphoprotein-like	not DE	not DE	not DE	not DE
EVM0024019	LG7	dentin sialophosphoprotein-like	not DE	not DE	not DE	not DE
EVM0013968	LG7	dihydropyrimidinase-like	not DE	not DE	not DE	not DE
EVM0017666	LG7	dirigent protein 19-like	not DE	not DE	not DE	not DE
EVM0006188	LG7	dirigent protein 24-like	not DE	not DE	not DE	not DE
EVM0000411	LG7	dnaJ protein homolog isoform	-2.08296	5.52E-05	-1.85874	#####
EVM0018659	LG7	embryogenesis-associated protein	not DE	not DE	not DE	not DE
EVM0015606	LG7	enoyl-[acyl-carrier-protein]	not DE	not DE	not DE	not DE
EVM0012840	LG7	ethylene-responsive transcription	not DE	not DE	not DE	not DE
EVM0016829	LG7	eukaryotic translation initiation	not DE	not DE	not DE	not DE
EVM0006299	LG7	exonuclease V, chloroplast	not DE	not DE	not DE	not DE
EVM0016923	LG7	exosome complex exonuclease	not DE	not DE	not DE	not DE
EVM0018692	LG7	extensin-2-like	not DE	not DE	not DE	not DE
EVM0019710	LG7	extensin-2-like	not DE	not DE	not DE	not DE
EVM0022954	LG7	fasciclin-like arabinogalactan	not DE	not DE	not DE	not DE
EVM0023157	LG7	fatty acyl-CoA reductase 3-like	not DE	not DE	not DE	not DE
EVM0002225	LG7	feruloyl CoA ortho-hydroxylase	not DE	not DE	not DE	not DE
EVM0004363	LG7	feruloyl CoA ortho-hydroxylase	not DE	not DE	not DE	not DE
EVM0004644	LG7	feruloyl CoA ortho-hydroxylase	not DE	not DE	not DE	not DE
EVM0004759	LG7	feruloyl CoA ortho-hydroxylase	not DE	not DE	not DE	not DE
EVM0005595	LG7	feruloyl CoA ortho-hydroxylase	not DE	not DE	not DE	not DE
EVM0005926	LG7	feruloyl CoA ortho-hydroxylase	not DE	not DE	not DE	not DE
EVM0008298	LG7	feruloyl CoA ortho-hydroxylase	not DE	not DE	not DE	not DE
EVM0010312	LG7	feruloyl CoA ortho-hydroxylase	not DE	not DE	not DE	not DE
EVM0012325	LG7	feruloyl CoA ortho-hydroxylase	not DE	not DE	not DE	not DE
EVM0015637	LG7	feruloyl CoA ortho-hydroxylase	not DE	not DE	not DE	not DE
EVM0017515	LG7	feruloyl CoA ortho-hydroxylase	not DE	not DE	not DE	not DE
EVM0019466	LG7	feruloyl CoA ortho-hydroxylase	not DE	not DE	not DE	not DE
EVM0022921	LG7	feruloyl CoA ortho-hydroxylase	not DE	not DE	not DE	not DE
EVM0017592	LG7	flavanone 7-O-glucoside 2-epi	not DE	not DE	not DE	not DE
EVM0017371	LG7	formate--tetrahydrofolate li	not DE	not DE	not DE	not DE
EVM0008914	LG7	germin-like protein 9-3	not DE	not DE	not DE	not DE
EVM0004596	LG7	growth-regulating factor 8-like	not DE	not DE	not DE	not DE

EVM0009576	LG7	high affinity nitrate transp	not DE	not DE	not DE	not DE
EVM0016447	LG7	high affinity nitrate transp	not DE	not DE	not DE	not DE
EVM0000028	LG7	histone H2B.2-like	not DE	not DE	not DE	not DE
EVM0012242	LG7	histone deacetylase 9-like	not DE	not DE	not DE	not DE
EVM0003480	LG7	histone deacetylase HDT1-lik	not DE	not DE	not DE	not DE
EVM0000733	LG7	homeobox-leucine zipper prot	1.407556	0.001688	not DE	not DE
EVM0022358	LG7	hydroxyacyl-thioester dehydr	1.799985	0.028718	1.748906	0.01242
EVM0004536	LG7	hydroxymethylglutaryl-CoA ly	not DE	not DE	not DE	not DE
EVM0014994	LG7	integrator complex subunit 3	not DE	not DE	not DE	not DE
EVM0001238	LG7	lactoylglutathione lyase isc	not DE	not DE	not DE	not DE
EVM0014696	LG7	large subunit GTPase 1 homol	not DE	not DE	not DE	not DE
EVM0004614	LG7	linoleate 13S-lipoxygenase 2	not DE	not DE	not DE	not DE
EVM0004686	LG7	linoleate 13S-lipoxygenase 2	not DE	not DE	not DE	not DE
EVM0009328	LG7	linoleate 13S-lipoxygenase 2	not DE	not DE	not DE	not DE
EVM0015334	LG7	linoleate 13S-lipoxygenase 2	not DE	not DE	not DE	not DE
EVM0015511	LG7	linoleate 13S-lipoxygenase 2	not DE	not DE	not DE	not DE
EVM0020815	LG7	linoleate 13S-lipoxygenase 2	not DE	not DE	not DE	not DE
EVM0023780	LG7	lysine-specific demethylase	not DE	not DE	not DE	not DE
EVM0008654	LG7	lysosomal Pro-X carboxypepti	not DE	not DE	not DE	not DE
EVM0000003	LG7	lysosomal Pro-X carboxypepti	not DE	not DE	not DE	not DE
EVM0012504	LG7	lysosomal Pro-X carboxypepti	not DE	not DE	not DE	not DE
EVM0015726	LG7	lysosomal beta glucosidase-l	not DE	not DE	not DE	not DE
EVM0024387	LG7	magnesium transporter NIPA3-	1.370196	0.035055	not DE	not DE
EVM0003069	LG7	magnesium-chelatase subunit	not DE	not DE	not DE	not DE
EVM0008748	LG7	metal tolerance protein 1-li	not DE	not DE	not DE	not DE
EVM0005011	LG7	mitochondrial dicarboxylate/	not DE	not DE	not DE	not DE
EVM0000495	LG7	mitochondrial tRNA-specific	not DE	not DE	not DE	not DE
EVM0001756	LG7	mitochondrial tRNA-specific	-1.90872	0.020749	-3.7369	0.00421
EVM0005766	LG7	mitogen-activated protein ki	not DE	not DE	not DE	not DE
EVM0024425	LG7	nicalin-1-like	not DE	not DE	not DE	not DE
EVM0023466	LG7	non-specific phospholipase C	not DE	not DE	not DE	not DE
EVM0011293	LG7	nuclear cap-binding protein	not DE	not DE	not DE	not DE
EVM0022638	LG7	nucleobase-ascorbate transp	not DE	not DE	-1.04849	0.0288
EVM0011079	LG7	nucleolar complex protein 2	not DE	not DE	not DE	not DE
EVM0006728	LG7	nudix hydrolase 9-like	not DE	not DE	not DE	not DE
EVM0022958	LG7	oligoribonuclease-like	1.086557	0.005481	not DE	not DE
EVM0016335	LG7	origin recognition complex s	not DE	not DE	not DE	not DE
EVM0023087	LG7	outer envelope protein 61, c	not DE	not DE	not DE	not DE
EVM0002890	LG7	outer envelope protein 80, c	not DE	not DE	not DE	not DE
EVM0005573	LG7	outer envelope protein 80, c	not DE	not DE	not DE	not DE
EVM0002168	LG7	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0009446	LG7	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0008628	LG7	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0012405	LG7	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0003219	LG7	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0022916	LG7	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0004797	LG7	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0015609	LG7	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0004947	LG7	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0006435	LG7	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0015248	LG7	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0016664	LG7	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0021260	LG7	pentatricopeptide repeat-con	not DE	not DE	not DE	not DE
EVM0003948	LG7	peptidyl-tRNA hydrolase, mit	1.491323	0.00064	not DE	not DE



EVM0006647	LG7	peroxidase 15-like	not DE	not DE	not DE	not DE
EVM0007024	LG7	peroxidase 15-like	not DE	not DE	not DE	not DE
EVM0013959	LG7	peroxidase 15-like	not DE	not DE	not DE	not DE
EVM0017173	LG7	peroxidase 15-like	not DE	not DE	not DE	not DE
EVM0019896	LG7	peroxidase 15-like	not DE	not DE	not DE	not DE
EVM0015984	LG7	pescadillo homolog	not DE	not DE	not DE	not DE
EVM0023476	LG7	pescadillo homolog	not DE	not DE	not DE	not DE
EVM0021011	LG7	pheophorbide a oxygenase, ch	not DE	not DE	not DE	not DE
EVM0024415	LG7	phosphatidylinositol N-acety	not DE	not DE	not DE	not DE
EVM0005807	LG7	phosphatidylinositol transfe	not DE	not DE	not DE	not DE
EVM0002565	LG7	phytochromobilin:ferredoxin	not DE	not DE	not DE	not DE
EVM0000012	LG7	polyadenylate-binding protei	not DE	not DE	not DE	not DE
EVM0015295	LG7	probable E3 ubiquitin-protei	not DE	not DE	not DE	not DE
EVM0003547	LG7	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0011017	LG7	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0008433	LG7	probable RNA &apos;-termina	not DE	not DE	not DE	not DE
EVM0021201	LG7	probable aquaporin NIP5-1-li	not DE	not DE	not DE	not DE
EVM0010006	LG7	probable glucuronoxylan gluc	-1.39729	0.014556	not DE	not DE
EVM0015645	LG7	probable histone H2B.1-like	not DE	not DE	2.281397	0.00493
EVM0020652	LG7	probable histone H2B.1-like	not DE	not DE	not DE	not DE
EVM0000939	LG7	probable leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0023919	LG7	probable leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0013778	LG7	probable phosphomevalonate k	not DE	not DE	not DE	not DE
EVM0023500	LG7	probable polyamine transport	not DE	not DE	not DE	not DE
EVM0006790	LG7	probable receptor protein kin	not DE	not DE	not DE	not DE
EVM0012212	LG7	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0016354	LG7	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0016436	LG7	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0021948	LG7	proteasome subunit beta type	not DE	not DE	not DE	not DE
EVM0022347	LG7	protein BUD31 homolog 2-like	not DE	not DE	not DE	not DE
EVM0007714	LG7	protein FAF-like, chloroplas	not DE	not DE	not DE	not DE
EVM0005736	LG7	protein FANTASTIC FOUR 3-lik	not DE	not DE	not DE	not DE
EVM0020944	LG7	protein FAR1-RELATED SEQUENC	not DE	not DE	not DE	not DE
EVM0018425	LG7	protein FAR1-RELATED SEQUENC	1.007275	2.38E-05	not DE	not DE
EVM0013458	LG7	protein FAR1-RELATED SEQUENC	not DE	not DE	not DE	not DE
EVM0020064	LG7	protein GPR107-like	not DE	not DE	not DE	not DE
EVM0018320	LG7	protein HIRA-like isoform X2	not DE	not DE	not DE	not DE
EVM0022068	LG7	protein N-lysine methyltrans	not DE	not DE	not DE	not DE
EVM0016996	LG7	protein UPSTREAM OF FLC-like	not DE	not DE	not DE	not DE
EVM0002852	LG7	protein argonaute 4-like	not DE	not DE	not DE	not DE
EVM0006632	LG7	protein argonaute 5-like	not DE	not DE	not DE	not DE
EVM0014623	LG7	protein disulfide isomerase-	not DE	not DE	not DE	not DE
EVM0022291	LG7	protein disulfide isomerase-	not DE	not DE	not DE	not DE
EVM0011383	LG7	protein disulfide isomerase-	not DE	not DE	not DE	not DE
EVM0015715	LG7	protein piccolo-like	not DE	not DE	not DE	not DE
EVM0005242	LG7	protein slowmo homolog 2-lik	-1.35389	0.023003	not DE	not DE
EVM0000750	LG7	protein-lysine methyltransfe	not DE	not DE	not DE	not DE
EVM0010050	LG7	proteinaceous RNase P 2-like	not DE	not DE	not DE	not DE
EVM0002444	LG7	protochlorophyllide-dependen	not DE	not DE	not DE	not DE
EVM0003972	LG7	protochlorophyllide-dependen	not DE	not DE	not DE	not DE
EVM0021725	LG7	protochlorophyllide-dependen	not DE	not DE	not DE	not DE
EVM0002845	LG7	pseudouridine-metabolizing b	not DE	not DE	not DE	not DE
EVM0018766	LG7	pseudouridine-metabolizing b	not DE	not DE	not DE	not DE
EVM0008332	LG7	putative SWI/SNF-related mat	not DE	not DE	not DE	not DE

EVM0013073	LG7	putative SWI/SNF-related mat	not DE	not DE	not DE	not DE
EVM0009361	LG7	putative UPF0481 protein At3	not DE	not DE	not DE	not DE
EVM0014440	LG7	putative UPF0481 protein At3	not DE	not DE	not DE	not DE
EVM0005250	LG7	putative cyclic nucleotide-g	not DE	not DE	not DE	not DE
EVM0002721	LG7	putative disease resistance	not DE	not DE	not DE	not DE
EVM0003332	LG7	putative disease resistance	not DE	not DE	not DE	not DE
EVM0007181	LG7	putative disease resistance	not DE	not DE	not DE	not DE
EVM0009802	LG7	putative disease resistance	not DE	not DE	not DE	not DE
EVM0014744	LG7	putative disease resistance	1.168512	0.03528	not DE	not DE
EVM0016917	LG7	putative disease resistance	not DE	not DE	not DE	not DE
EVM0017193	LG7	putative disease resistance	not DE	not DE	not DE	not DE
EVM0018655	LG7	putative disease resistance	not DE	not DE	not DE	not DE
EVM0018777	LG7	putative disease resistance	not DE	not DE	not DE	not DE
EVM0021488	LG7	putative inactive disease su	not DE	not DE	not DE	not DE
EVM0002332	LG7	putative nitric oxide syntha	not DE	not DE	not DE	not DE
EVM0009893	LG7	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0018101	LG7	putative phosphatidylglycerol	not DE	not DE	not DE	not DE
EVM0015898	LG7	putative phytosulfokines 6-l	not DE	not DE	1.681307	0.01242
EVM0010118	LG7	pyridoxal biosynthesis protei	not DE	not DE	not DE	not DE
EVM0011836	LG7	pyruvate dehydrogenase E1 co	not DE	not DE	not DE	not DE
EVM0009141	LG7	ras guanine nucleotide excha	1.182293	0.046014	not DE	not DE
EVM0021943	LG7	reactive oxygen species modu	not DE	not DE	not DE	not DE
EVM0024438	LG7	rho GTPase-activating protei	not DE	not DE	not DE	not DE
EVM0008115	LG7	rho GTPase-activating protei	not DE	not DE	not DE	not DE
EVM0012360	LG7	ruBisCO large subunit-bindin	-1.15757	9.75E-05	-1.02683	#####
EVM0020868	LG7	serine carboxypeptidase-like	not DE	not DE	not DE	not DE
EVM0014187	LG7	serine--glyoxylate aminotran	not DE	not DE	not DE	not DE
EVM0003848	LG7	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0001800	LG7	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0005778	LG7	serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0006914	LG7	serine/threonine-protein pho	not DE	not DE	not DE	not DE
EVM0021276	LG7	set1/Ash2 histone methyltran	not DE	not DE	not DE	not DE
EVM0023851	LG7	shugoshin-1-like	not DE	not DE	not DE	not DE
EVM0012716	LG7	splicing factor 3B subunit 6	not DE	not DE	not DE	not DE
EVM0020497	LG7	superoxide dismutase	not DE	not DE	not DE	not DE
EVM0001713	LG7	threonine dehydratase biosyn	not DE	not DE	2.207697	0.00049
EVM0015131	LG7	trans-resveratrol di-O-methy	not DE	not DE	not DE	not DE
EVM0002665	LG7	transcription factor MYC2-li	not DE	not DE	not DE	not DE
EVM0012476	LG7	transcription factor MYC2-li	not DE	not DE	not DE	not DE
EVM0018742	LG7	transcription factor MYC2-li	not DE	not DE	not DE	not DE
EVM0022626	LG7	transcription factor Pur- $\alpha$	not DE	not DE	not DE	not DE
EVM0012093	LG7	transcription initiation fac	-3.02332	0.04816	not DE	not DE
EVM0017461	LG7	transcriptional regulator AT	not DE	not DE	not DE	not DE
EVM0005663	LG7	translocation protein sec62	not DE	not DE	not DE	not DE
EVM0024506	LG7	translocation protein sec62	not DE	not DE	not DE	not DE
EVM0000137	LG7	transmembrane protein 120 ho	not DE	not DE	not DE	not DE
EVM0019986	LG7	transmembrane protein 209-li	not DE	not DE	not DE	not DE
EVM0018181	LG7	transmembrane protein 45B-li	not DE	not DE	not DE	not DE
EVM0012609	LG7	transposon Ty3-G Gag-Pol pol	not DE	not DE	not DE	not DE
EVM0016075	LG7	tubulin alpha-3 chain	not DE	not DE	not DE	not DE
EVM0007227	LG7	ubiquitin-conjugating enzyme	not DE	not DE	1.36753	0.00864
EVM0020905	LG7	ubiquitin-like protein 5-lik	-2.24659	0.012714	not DE	not DE
EVM0016564	LG7	uncharacterized protein Atlg	not DE	not DE	not DE	not DE
EVM0004513	LG7	uncharacterized protein At2g	not DE	not DE	not DE	not DE

EVM0012882	LG7	uncharacterized protein At2g	not DE	not DE	not DE	not DE
EVM0002760	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016359	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002065	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014776	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012858	LG7	uncharacterized protein LOC1	not DE	not DE	1.238158	#####
EVM0016331	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017044	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001071	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018319	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005022	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021557	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019038	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014982	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010252	LG7	uncharacterized protein LOC1	-1.13801	0.000281	not DE	not DE
EVM0006808	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023778	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012724	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015011	LG7	uncharacterized protein LOC1	-1.89747	0.024947	not DE	not DE
EVM0021410	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006502	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024559	LG7	uncharacterized protein LOC1	not DE	not DE	1.206666	0.00515
EVM0014658	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006560	LG7	uncharacterized protein LOC1	not DE	not DE	-1.01495	0.01418
EVM0015785	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002624	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000616	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001550	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012404	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020422	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024454	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023288	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010494	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017448	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011792	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005083	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008620	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004669	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006336	LG7	uncharacterized protein LOC1	2.520982	0.004904	not DE	not DE
EVM0012812	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018118	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013887	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016226	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022026	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021639	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013564	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000303	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009586	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005071	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013940	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011260	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003276	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010993	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010330	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE

EVM0022659	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008591	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015333	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017221	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018442	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014269	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005001	LG7	uncharacterized protein LOC1	not DE	not DE	1.014678	0.03384
EVM0013853	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002518	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017793	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014225	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010860	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021686	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000927	LG7	uncharacterized protein LOC1	not DE	not DE	1.142189	#####
EVM0022936	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007820	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012739	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014819	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010513	LG7	uncharacterized protein LOC1	not DE	not DE	1.080509	#####
EVM0015610	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002105	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006087	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010895	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011209	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002751	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009478	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004722	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008561	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020653	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016298	LG7	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001282	LG7	uncharacterized protein YMR3	-1.1609	0.037613	not DE	not DE
EVM0021755	LG7	vacuolar protein sorting-ass	not DE	not DE	not DE	not DE
EVM0020318	LG7	vacuolar protein sorting-ass	not DE	not DE	not DE	not DE
EVM0020960	LG7	xanthine dehydrogenase 1-lik	not DE	not DE	not DE	not DE
EVM0022044	LG7	zeaxanthin epoxidase, chloro	not DE	not DE	not DE	not DE
EVM0004386	LG7	zinc finger A20 and AN1 doma	not DE	not DE	not DE	not DE
EVM0000311	LG7	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0004418	LG7	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0010551	LG7	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0019165	LG7	2-oxoglutarate (2OG) and Fe(I	not DE	not DE	not DE	not DE
EVM0011484	LG7	4-hydroxy-3-methylbut-2-en-1-	not DE	not DE	not DE	not DE
EVM0024671	LG7	4-hydroxy-3-methylbut-2-en-1-	not DE	not DE	not DE	not DE
EVM0003233	LG7	40S ribosomal protein S15-4	not DE	not DE	not DE	not DE
EVM0015542	LG7	60S ribosomal L30	not DE	not DE	not DE	not DE
EVM0007634	LG7	60S ribosomal protein L12, pu	not DE	not DE	not DE	not DE
EVM0009494	LG7	60S ribosomal protein L12, pu	not DE	not DE	not DE	not DE
EVM0019696	LG7	ABC transporter family protei	not DE	not DE	not DE	not DE
EVM0007083	LG7	ACD1-like	not DE	not DE	not DE	not DE
EVM0018322	LG7	ACD1-like	not DE	not DE	not DE	not DE
EVM0023697	LG7	ACD1-like	-1.94485	0.004192	not DE	not DE
EVM0015119	LG7	AP2/B3-like transcriptional f	not DE	not DE	not DE	not DE
EVM0000600	LG7	AT-hook DNA-binding family pr	not DE	not DE	not DE	not DE
EVM0004106	LG7	ATP synthase CF0 subunit III	-2.57962	0.005805	not DE	not DE
EVM0020694	LG7	ATPase, AAA-type, CDC48 prote	not DE	not DE	not DE	not DE

EVM0020095	LG7	Alpha/beta-Hydrolases superfa	not DE	not DE	not DE	not DE
EVM0016888	LG7	Auxin response factor 4 isofc	not DE	not DE	not DE	not DE
EVM0017412	LG7	BEL1 homeodomain 1, putative	not DE	not DE	not DE	not DE
EVM0006966	LG7	BZIP transcription factor fam	not DE	not DE	not DE	not DE
EVM0011109	LG7	Basic helix-loop-helix protei	not DE	not DE	not DE	not DE
EVM0023493	LG7	Basic helix-loop-helix protei	not DE	not DE	not DE	not DE
EVM0001662	LG7	Basic-leucine zipper transcri	not DE	not DE	not DE	not DE
EVM0006681	LG7	Beta-1,3-galactosyltransferas	not DE	not DE	not DE	not DE
EVM0016586	LG7	Beta-glucosidase 17 isoform 2	not DE	not DE	not DE	not DE
EVM0000726	LG7	Bifunctional inhibitor/lipid-	not DE	not DE	not DE	not DE
EVM0007401	LG7	Bifunctional monodehydroascor	not DE	not DE	not DE	not DE
EVM0013477	LG7	BnaA09g14430D	not DE	not DE	not DE	not DE
EVM0005561	LG7	BnaC02g00690D	not DE	not DE	not DE	not DE
EVM0003348	LG7	BnaC04g40780D	not DE	not DE	not DE	not DE
EVM0012061	LG7	BnaC04g40780D	not DE	not DE	not DE	not DE
EVM0022034	LG7	BnaUnng00820D	-1.31621	0.003867	1.83409	0.01112
EVM0003002	LG7	Branched-chain alpha-keto aci	not DE	not DE	not DE	not DE
EVM0005189	LG7	Branched-chain alpha-keto aci	not DE	not DE	not DE	not DE
EVM0018017	LG7	C2H2 and C2HC zinc fingers su	not DE	not DE	not DE	not DE
EVM0017065	LG7	CBL-interacting serine/threon	not DE	not DE	not DE	not DE
EVM0013307	LG7	Calcium-dependent lipid-bindin	not DE	not DE	not DE	not DE
EVM0014337	LG7	Calcium-dependent protein kin	not DE	not DE	not DE	not DE
EVM0018424	LG7	Calcium-dependent protein kin	not DE	not DE	not DE	not DE
EVM0001967	LG7	Casparian strip membrane prot	not DE	not DE	not DE	not DE
EVM0020617	LG7	Chaperone DnaJ	not DE	not DE	not DE	not DE
EVM0011663	LG7	Chaperonin-like RbcX protein	not DE	not DE	not DE	not DE
EVM0020203	LG7	Chaperonin-like RbcX protein	not DE	not DE	not DE	not DE
EVM0006682	LG7	Chitinase 1	not DE	not DE	not DE	not DE
EVM0020332	LG7	Chitinase 1	not DE	not DE	not DE	not DE
EVM0001331	LG7	Chromatin remodeling complex	not DE	not DE	not DE	not DE
EVM0003160	LG7	Chromodomain-helicase-DNA-bin	not DE	not DE	not DE	not DE
EVM0013784	LG7	Cinnamyl-alcohol dehydrogenas	-1.03586	6.31E-09	not DE	not DE
EVM0021565	LG7	Cucumisin precursor, putative	not DE	not DE	-1.99555	0.00738
EVM0022193	LG7	Cyclin-like family protein	not DE	not DE	not DE	not DE
EVM0006460	LG7	Cyclophilin71 isoform 2	not DE	not DE	not DE	not DE
EVM0022080	LG7	Cys/Met metabolism pyridoxal-	not DE	not DE	not DE	not DE
EVM0012948	LG7	Cytochrome P450 78A3	not DE	not DE	not DE	not DE
EVM0021796	LG7	Cytochrome P450 78A3	not DE	not DE	not DE	not DE
EVM0010852	LG7	DNA binding protein, putative	not DE	not DE	not DE	not DE
EVM0016133	LG7	DNA-directed RNA polymerase I	not DE	not DE	not DE	not DE
EVM0012891	LG7	DNA/RNA polymerases superfam	not DE	not DE	not DE	not DE
EVM0001971	LG7	Dead box ATP-dependent RNA he	not DE	not DE	not DE	not DE
EVM0006095	LG7	Decoy isoform 2, partial	not DE	not DE	not DE	not DE
EVM0017690	LG7	Disease resistance-responsive	not DE	not DE	not DE	not DE
EVM0022095	LG7	Disease resistance-responsive	not DE	not DE	not DE	not DE
EVM0015881	LG7	DnaJ/Hsp40 cysteine-rich doma	not DE	not DE	not DE	not DE
EVM0002163	LG7	E2F/DP family winged-helix DN	not DE	not DE	not DE	not DE
EVM0002762	LG7	E2F/DP family winged-helix DN	not DE	not DE	not DE	not DE
EVM0015373	LG7	Exocyst subunit exo70 family	not DE	not DE	-1.97661	#####
EVM0013851	LG7	F-box family protein, putativ	not DE	not DE	not DE	not DE
EVM0018897	LG7	F-box family protein, putativ	not DE	not DE	not DE	not DE
EVM0014068	LG7	F&apos;H1	not DE	not DE	not DE	not DE
EVM0005799	LG7	Gb:AAF02129.1, putative	not DE	not DE	1.894549	0.00154
EVM0004197	LG7	Geminivirus rep interacting k	not DE	not DE	not DE	not DE

EVM0005532	LG7	Glyoxal oxidase-related prote	not DE	not DE	not DE	not DE
EVM0021616	LG7	Glyoxal oxidase-related prote	not DE	not DE	not DE	not DE
EVM0011404	LG7	Heat shock transcription fact	not DE	not DE	not DE	not DE
EVM0002889	LG7	Heterogeneous nuclear ribonuc	not DE	not DE	not DE	not DE
EVM0024075	LG7	Histone H2A 12 isoform 1	not DE	not DE	1.376188	0.04109
EVM0007529	LG7	Homeobox 7, putative	not DE	not DE	not DE	not DE
EVM0020396	LG7	Homeobox 7, putative	not DE	not DE	not DE	not DE
EVM0011107	LG7	Homeodomain-like superfamily	not DE	not DE	not DE	not DE
EVM0017920	LG7	Kinase superfamily protein is	not DE	not DE	not DE	not DE
EVM0001430	LG7	Kiwellin	not DE	not DE	not DE	not DE
EVM0022604	LG7	Kiwellin, putative	not DE	not DE	not DE	not DE
EVM0016103	LG7	LRR receptor-like serine/thre	not DE	not DE	not DE	not DE
EVM0003697	LG7	Laccase	not DE	not DE	not DE	not DE
EVM0020325	LG7	Laccase	not DE	not DE	not DE	not DE
EVM0017009	LG7	Laccase 17	not DE	not DE	not DE	not DE
EVM0005648	LG7	Lateral root primordium prote	not DE	not DE	not DE	not DE
EVM0012148	LG7	Leucine-rich repeat transmemb	not DE	not DE	not DE	not DE
EVM0021500	LG7	Lipid binding protein, putati	not DE	not DE	not DE	not DE
EVM0008030	LG7	Lipoyltransferase 2 isoform 1	not DE	not DE	not DE	not DE
EVM0013225	LG7	Lysosomal Pro-X carboxypeptid	not DE	not DE	not DE	not DE
EVM0002319	LG7	MORN repeat-containing protei	not DE	not DE	not DE	not DE
EVM0004739	LG7	Mitochondrial import inner me	not DE	not DE	not DE	not DE
EVM0008271	LG7	Myb domain protein 5 isoform	not DE	not DE	not DE	not DE
EVM0009693	LG7	Myb domain protein 59 isoform	not DE	not DE	not DE	not DE
EVM0011387	LG7	NAC domain-containing protei	not DE	not DE	not DE	not DE
EVM0002732	LG7	NAC transcription factor 037	not DE	not DE	not DE	not DE
EVM0016212	LG7	NAC transcription factor 037	not DE	not DE	not DE	not DE
EVM0019722	LG7	NAC transcription factor 037	not DE	not DE	not DE	not DE
EVM0001109	LG7	NAD kinase 1 isoform 1	not DE	not DE	not DE	not DE
EVM0018259	LG7	NADH dehydrogenase subunit 4L	not DE	not DE	not DE	not DE
EVM0004733	LG7	NOT2 / NOT3 / NOT5 family isc	not DE	not DE	not DE	not DE
EVM0024114	LG7	Nitrate excretion transporter	not DE	not DE	not DE	not DE
EVM0007470	LG7	Peroxidase superfamily protei	not DE	not DE	not DE	not DE
EVM0010174	LG7	Plasma membrane intrinsic pro	not DE	not DE	not DE	not DE
EVM0010414	LG7	Plasma membrane intrinsic pro	not DE	not DE	not DE	not DE
EVM0007092	LG7	Plastid ribosomal protein 11l	not DE	not DE	not DE	not DE
EVM0016965	LG7	Polynucleotidyl transferase,	not DE	not DE	-1.25778	0.03449
EVM0021038	LG7	Proteasome family protein isc	not DE	not DE	not DE	not DE
EVM0008621	LG7	Protein IQ-DOMAIN 14 -like pr	not DE	not DE	not DE	not DE
EVM0009698	LG7	Protein kinase APK1B, chlorop	not DE	not DE	not DE	not DE
EVM0012796	LG7	Protein kinase APK1B, chlorop	not DE	not DE	not DE	not DE
EVM0023878	LG7	RING-H2 finger protein ATL79,	not DE	not DE	not DE	not DE
EVM0013369	LG7	Rab2	not DE	not DE	not DE	not DE
EVM0022935	LG7	RecName: Full=S-adenosylmethi	not DE	not DE	not DE	not DE
EVM0001643	LG7	Rieske (2Fe-2S) domain-contain	not DE	not DE	not DE	not DE
EVM0005431	LG7	Rieske (2Fe-2S) domain-contain	not DE	not DE	not DE	not DE
EVM0002822	LG7	S-adenosyl-L-methionine-depen	not DE	not DE	not DE	not DE
EVM0006854	LG7	S-adenosyl-L-methionine-depen	not DE	not DE	not DE	not DE
EVM0010316	LG7	S-adenosyl-L-methionine-depen	not DE	not DE	not DE	not DE
EVM0010389	LG7	S-adenosyl-L-methionine-depen	not DE	not DE	not DE	not DE
EVM0013576	LG7	S-adenosyl-L-methionine-depen	not DE	not DE	not DE	not DE
EVM0017669	LG7	S-adenosyl-L-methionine-depen	not DE	not DE	not DE	not DE
EVM0018461	LG7	S-adenosyl-L-methionine-depen	not DE	not DE	not DE	not DE
EVM0019938	LG7	S-adenosyl-L-methionine-depen	not DE	not DE	not DE	not DE

EVM0021563	LG7	S-adenosyl-L-methionine-dependen	not DE	not DE	not DE	not DE
EVM0022390	LG7	S-adenosyl-L-methionine-dependen	not DE	not DE	not DE	not DE
EVM0022597	LG7	S-adenosyl-L-methionine-dependen	not DE	not DE	not DE	not DE
EVM0003080	LG7	Saccharopine dehydrogenase is	not DE	not DE	not DE	not DE
EVM0009579	LG7	Scarecrow-like 3	not DE	not DE	not DE	not DE
EVM0023492	LG7	Serine/threonine-protein kin	not DE	not DE	not DE	not DE
EVM0007685	LG7	Seven in absentia of 2 isoform	not DE	not DE	not DE	not DE
EVM0004325	LG7	Seven transmembrane MLO famil	not DE	not DE	not DE	not DE
EVM0001501	LG7	Structural maintenance of chr	not DE	not DE	not DE	not DE
EVM0009577	LG7	T-complex protein 1 subunit e	not DE	not DE	not DE	not DE
EVM0005304	LG7	TCP-1/cpn60 chaperonin family	not DE	not DE	not DE	not DE
EVM0016042	LG7	TCP-1/cpn60 chaperonin family	not DE	not DE	not DE	not DE
EVM0015887	LG7	Tetratricopeptide repeat-like	not DE	not DE	-1.41161	0.02817
EVM0021743	LG7	Topoisomerase 6 subunit B is	not DE	not DE	not DE	not DE
EVM0016796	LG7	Transcription factor	not DE	not DE	not DE	not DE
EVM0014805	LG7	Transducin/WD40 repeat-like s	not DE	not DE	not DE	not DE
EVM0021790	LG7	Transducin/WD40 repeat-like s	not DE	not DE	not DE	not DE
EVM0009253	LG7	Transmembrane amino acid tran	not DE	not DE	not DE	not DE
EVM0012384	LG7	Tryptophan/tyrosine permease	not DE	not DE	not DE	not DE
EVM0001611	LG7	Two-component response regula	not DE	not DE	not DE	not DE
EVM0006057	LG7	UDP-Glycosyltransferase super	not DE	not DE	not DE	not DE
EVM0001154	LG7	UDP-Glycosyltransferase super	not DE	not DE	not DE	not DE
EVM0019147	LG7	UDP-N-acetylglucosamine trans	not DE	not DE	not DE	not DE
EVM0000351	LG7	Ubiquitin-associated/translat	not DE	not DE	not DE	not DE
EVM0023254	LG7	Ubiquitin-associated/translat	not DE	not DE	not DE	not DE
EVM0022069	LG7	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0000459	LG7	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0016367	LG7	Uncharacterized protein TCM_C	not DE	not DE	1.854934	#####
EVM0021247	LG7	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0023350	LG7	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0021762	LG7	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0012326	LG7	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0015332	LG7	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0022844	LG7	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0003236	LG7	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0021366	LG7	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0003964	LG7	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0012678	LG7	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0011023	LG7	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0007309	LG7	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0001007	LG7	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0016631	LG7	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0000450	LG7	Vesicle-associated membrane p	not DE	not DE	not DE	not DE
EVM0007551	LG7	WAS/WASL-interacting protein	not DE	not DE	not DE	not DE
EVM0001212	LG7	WIP domain protein 3	not DE	not DE	not DE	not DE
EVM0005841	LG7	WRKY transcription factor 60	not DE	not DE	not DE	not DE
EVM0022387	LG7	WRKY transcription factor 60	not DE	not DE	not DE	not DE
EVM0008129	LG7	Zinc finger C-x8-C-x5-C-x3-H	-3.74766	1.35E-09	-2.31121	0.00081
EVM0022686	LG7	Zinc finger family protein /	not DE	not DE	not DE	not DE
EVM0003124	LG7	actin-depolymerizing factor	not DE	not DE	not DE	not DE
EVM0000629	LG7	acyl CoA reductase family pro	not DE	not DE	not DE	not DE
EVM0003559	LG7	acyl CoA reductase family pro	not DE	not DE	not DE	not DE
EVM0012566	LG7	aquaporin protein 6	1.96617	0.0231	not DE	not DE
EVM0017840	LG7	argonaute 5	not DE	not DE	not DE	not DE

EVM0010888	LG7	arsenite-resistance protein,	not DE	not DE	not DE	not DE
EVM0003726	LG7	calcium-dependent protein kin	not DE	not DE	not DE	not DE
EVM0023386	LG7	calcium-dependent protein kin	not DE	not DE	not DE	not DE
EVM0001329	LG7	catalytic, putative	not DE	not DE	not DE	not DE
EVM0004269	LG7	catalytic, putative	not DE	not DE	not DE	not DE
EVM0023231	LG7	cation-transporting atpase 13	not DE	not DE	not DE	not DE
EVM0014172	LG7	chloroplast ferredoxin-3	not DE	not DE	not DE	not DE
EVM0004353	LG7	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0005854	LG7	conserved hypothetical protei	not DE	not DE	1.366968	#####
EVM0015099	LG7	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0017543	LG7	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0018690	LG7	conserved hypothetical protei	-2.21371	0.01102	not DE	not DE
EVM0020209	LG7	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0020472	LG7	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0024134	LG7	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0017026	LG7	cop9 signalosome complex subu	not DE	not DE	not DE	not DE
EVM0015387	LG7	copia-type polyprotein, putat	not DE	not DE	not DE	not DE
EVM0016850	LG7	cytochrome oxidase subunit 2	not DE	not DE	not DE	not DE
EVM0008709	LG7	elongation factor 1-alpha, pu	not DE	not DE	-1.13421	#####
EVM0024003	LG7	elongation factor 1-alpha, pu	not DE	not DE	not DE	not DE
EVM0022330	LG7	gibberellin induced protein	not DE	not DE	not DE	not DE
EVM0005063	LG7	hypothetical protein AMTR_s00	not DE	not DE	not DE	not DE
EVM0022728	LG7	hypothetical protein AMTR_s05	not DE	not DE	not DE	not DE
EVM0023294	LG7	hypothetical protein CARUB_vl	not DE	not DE	not DE	not DE
EVM0000493	LG7	hypothetical protein CARUB_vl	not DE	not DE	2.191281	0.02128
EVM0016193	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0007283	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0010634	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0011185	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0011468	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0001403	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0017613	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0014415	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0018028	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0004880	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0023133	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0014876	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0016637	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0006047	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0015619	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0022683	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0001395	LG7	hypothetical protein CICLE_vl	not DE	not DE	-1.83508	#####
EVM0018779	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0022373	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0014821	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0003734	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0004167	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0006471	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0008402	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0010213	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0012775	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0023831	LG7	hypothetical protein CICLE_vl	not DE	not DE	-1.05908	#####
EVM0017906	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0001493	LG7	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE



EVM0003980	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020301	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017771	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012243	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007135	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003741	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014427	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014023	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002194	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004524	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020670	LG7	hypothetical protein CICLE_v1	-1.87819	5.04E-07	-2.87318	#####
EVM0022455	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023070	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007907	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023721	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013114	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014358	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021233	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010328	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023587	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011078	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000963	LG7	hypothetical protein CICLE_v1	-1.10711	0.022055	-1.17977	0.00043
EVM0000107	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022073	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003342	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012108	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007206	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009197	LG7	hypothetical protein CICLE_v1	not DE	not DE	3.564797	0.00218
EVM0007897	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015124	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004452	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005123	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019310	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003994	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013026	LG7	hypothetical protein CICLE_v1	-1.01027	0.007356	not DE	not DE
EVM0024354	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019870	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005252	LG7	hypothetical protein CICLE_v1	not DE	not DE	-1.27067	0.01695
EVM0015275	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017703	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012661	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003217	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011503	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020803	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008187	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001674	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008843	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013362	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022951	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018811	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000997	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024621	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010673	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012507	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0022922	LG7	hypothetical protein CICLE_v1	not DE	not DE	2.267954	0.01333
EVM0015250	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013462	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022663	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004455	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012527	LG7	hypothetical protein CICLE_v1	not DE	not DE	1.341802	0.00133
EVM0015946	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023305	LG7	hypothetical protein CICLE_v1	not DE	not DE	-2.11219	#####
EVM0010220	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013692	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006984	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008787	LG7	hypothetical protein CICLE_v1	1.768894	0.028972	not DE	not DE
EVM0000911	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004120	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004328	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014676	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010570	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015063	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010472	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004430	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013506	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020063	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021810	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011798	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004185	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007787	LG7	hypothetical protein CICLE_v1	-2.99656	0.002663	not DE	not DE
EVM0010180	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022493	LG7	hypothetical protein CICLE_v1	not DE	not DE	1.866194	0.01551
EVM0014182	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021973	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014579	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010271	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008834	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010731	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008026	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009262	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022282	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005246	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006533	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012703	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013936	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020161	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003101	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001780	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018801	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019580	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012330	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016173	LG7	hypothetical protein CICLE_v1	-2.50671	0.000915	not DE	not DE
EVM0021240	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003721	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011436	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011009	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001921	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004456	LG7	hypothetical protein CICLE_v1	not DE	not DE	-1.0225	0.00051

EVM0018302	LG7	hypothetical protein CICLE_v1	not DE	not DE	-1.04441	0.00011
EVM0003447	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019878	LG7	hypothetical protein CICLE_v1	not DE	not DE	-8.49922	#####
EVM0007268	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003031	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010715	LG7	hypothetical protein CICLE_v1	-1.89622	0.03411	not DE	not DE
EVM0022581	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007800	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016673	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016243	LG7	hypothetical protein CICLE_v1	not DE	not DE	1.438779	0.0189
EVM0004305	LG7	hypothetical protein CICLE_v1	not DE	not DE	1.454174	0.01838
EVM0010610	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010977	LG7	hypothetical protein CICLE_v1	1.358732	0.000348	not DE	not DE
EVM0015483	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018486	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008666	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014379	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004094	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013880	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011541	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000550	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006869	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006860	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012513	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009497	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004784	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005177	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006480	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009145	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003174	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004544	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004215	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024562	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016854	LG7	hypothetical protein CICLE_v1	not DE	not DE	-1.32507	0.00344
EVM0018395	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012190	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015853	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005772	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007175	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024204	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001761	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002589	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000360	LG7	hypothetical protein CICLE_v1	-1.12458	0.001561	not DE	not DE
EVM0005258	LG7	hypothetical protein CICLE_v1	not DE	not DE	-1.14858	0.00284
EVM0023570	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023322	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012966	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016523	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008110	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017246	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011278	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005328	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006706	LG7	hypothetical protein CICLE_v1	1.32936	0.012333	not DE	not DE
EVM0010846	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0019531	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007871	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018229	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006103	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003093	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007250	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018874	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004055	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015580	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022729	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002994	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005228	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024624	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007639	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011145	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007960	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016120	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023131	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022764	LG7	hypothetical protein CICLE_v1	1.167516	0.004267	not DE	not DE
EVM0001020	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024467	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018686	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007698	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018557	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016096	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018944	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019435	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021112	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010805	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012729	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018648	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011437	LG7	hypothetical protein CICLE_v1	not DE	not DE	1.263903	0.0191
EVM0018054	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001434	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004840	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023115	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005966	LG7	hypothetical protein CICLE_v1	1.807835	0.010271	not DE	not DE
EVM0019273	LG7	hypothetical protein CICLE_v1	1.11348	0.035666	not DE	not DE
EVM0023392	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012438	LG7	hypothetical protein CICLE_v1	-1.87462	0.001293	not DE	not DE
EVM0007182	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024270	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016790	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024499	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018496	LG7	hypothetical protein CICLE_v1	not DE	not DE	1.502574	0.00069
EVM0020355	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016532	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018514	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021353	LG7	hypothetical protein CICLE_v1	not DE	not DE	2.721705	0.00322
EVM0016031	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019293	LG7	hypothetical protein CICLE_v1	not DE	not DE	1.404507	0.00291
EVM0002576	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019391	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002546	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0012584	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003314	LG7	hypothetical protein CICLE_v1	not DE	not DE	1.346703	#####
EVM0004956	LG7	hypothetical protein CICLE_v1	not DE	not DE	1.769271	0.0025
EVM0013987	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007414	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012528	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008444	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022083	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005434	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005576	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007535	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004014	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015159	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007591	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015343	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024138	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000239	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005487	LG7	hypothetical protein CICLE_v1	-3.54865	0.000421	not DE	not DE
EVM0011085	LG7	hypothetical protein CICLE_v1	2.018891	0.000588	1.391894	#####
EVM0012518	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007234	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010353	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014140	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021580	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001709	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001798	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016919	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023901	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013120	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016321	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000834	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001783	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022577	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022595	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017070	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007826	LG7	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020699	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021849	LG7	hypothetical protein CISIN_1g	3.092774	0.001996	not DE	not DE
EVM0023049	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022158	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008583	LG7	hypothetical protein CISIN_1g	not DE	not DE	-1.00368	0.04399
EVM0018472	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013645	LG7	hypothetical protein CISIN_1g	not DE	not DE	-1.40287	#####
EVM0005694	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012734	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017577	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003279	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010028	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021269	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021780	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017852	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016497	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001542	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000765	LG7	hypothetical protein CISIN_1g	1.902262	0.000272	not DE	not DE

EVM0007483	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007738	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023407	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003018	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006944	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004088	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004950	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005729	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016701	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021543	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010210	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017641	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001429	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002910	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023379	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023230	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003968	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002564	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003853	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004497	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011947	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001127	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018833	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008585	LG7	hypothetical protein CISIN_1g	2.507122	9.90E-08	not DE	not DE
EVM0005149	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015891	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001234	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005332	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002164	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003186	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007020	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008013	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003185	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009913	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005489	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006097	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011594	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014447	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002169	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003982	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004553	LG7	hypothetical protein CISIN_1g	not DE	not DE	1.241092	#####
EVM0020153	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020648	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010184	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012084	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001222	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006260	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012536	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021476	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021431	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018384	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022005	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009839	LG7	hypothetical protein CISIN_1g	not DE	not DE	1.309704	0.00022
EVM0022911	LG7	hypothetical protein CISIN_1g	not DE	not DE	-1.70486	0.0228

EVM0002327	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004123	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016903	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003098	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010145	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010285	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010941	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001796	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007102	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010834	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014362	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016148	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020158	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024175	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013682	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007957	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004858	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016060	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018582	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010697	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009137	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017436	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000882	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019392	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014393	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003686	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009535	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021126	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001721	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014671	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019134	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006377	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010791	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003087	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024542	LG7	hypothetical protein CISIN_1g	-2.18307	0.007087	not DE	not DE
EVM0002754	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000889	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020823	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021340	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001060	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017899	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019023	LG7	hypothetical protein CISIN_1g	6.26885	0.024193	not DE	not DE
EVM0022720	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023882	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019914	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013509	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015279	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015298	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004481	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008916	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015088	LG7	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022901	LG7	hypothetical protein Csa_7G43	not DE	not DE	not DE	not DE
EVM0003830	LG7	hypothetical protein F383_081	-1.30952	0.007976	1.547579	#####
EVM0021995	LG7	hypothetical protein JCGZ_018	not DE	not DE	-1.32814	#####

EVM0001468	LG7	hypothetical protein JCGZ_018	not DE	not DE	not DE	not DE
EVM0007013	LG7	hypothetical protein JCGZ_018	not DE	not DE	not DE	not DE
EVM0007490	LG7	hypothetical protein JCGZ_018	not DE	not DE	not DE	not DE
EVM0009022	LG7	hypothetical protein JCGZ_018	not DE	not DE	not DE	not DE
EVM0023571	LG7	hypothetical protein JCGZ_018	not DE	not DE	not DE	not DE
EVM0024176	LG7	hypothetical protein JCGZ_041	not DE	not DE	not DE	not DE
EVM0009162	LG7	hypothetical protein JCGZ_041	not DE	not DE	not DE	not DE
EVM0021346	LG7	hypothetical protein JCGZ_055	not DE	not DE	not DE	not DE
EVM0009436	LG7	hypothetical protein JCGZ_055	not DE	not DE	not DE	not DE
EVM0002263	LG7	hypothetical protein JCGZ_056	not DE	not DE	not DE	not DE
EVM0004152	LG7	hypothetical protein JCGZ_056	not DE	not DE	not DE	not DE
EVM0006534	LG7	hypothetical protein JCGZ_056	not DE	not DE	not DE	not DE
EVM0012662	LG7	hypothetical protein JCGZ_066	not DE	not DE	not DE	not DE
EVM0021295	LG7	hypothetical protein JCGZ_108	not DE	not DE	not DE	not DE
EVM0007467	LG7	hypothetical protein JCGZ_109	not DE	not DE	not DE	not DE
EVM0010621	LG7	hypothetical protein JCGZ_111	not DE	not DE	not DE	not DE
EVM0020070	LG7	hypothetical protein JCGZ_112	not DE	not DE	not DE	not DE
EVM0009101	LG7	hypothetical protein JCGZ_117	not DE	not DE	not DE	not DE
EVM0021811	LG7	hypothetical protein JCGZ_127	not DE	not DE	1.624293	0.01152
EVM0013200	LG7	hypothetical protein JCGZ_135	not DE	not DE	not DE	not DE
EVM0012038	LG7	hypothetical protein JCGZ_203	not DE	not DE	not DE	not DE
EVM0011533	LG7	hypothetical protein JCGZ_203	not DE	not DE	not DE	not DE
EVM0017794	LG7	hypothetical protein JCGZ_203	not DE	not DE	not DE	not DE
EVM0013161	LG7	hypothetical protein JCGZ_203	not DE	not DE	not DE	not DE
EVM0003452	LG7	hypothetical protein JCGZ_226	not DE	not DE	not DE	not DE
EVM0016534	LG7	hypothetical protein JCGZ_226	not DE	not DE	not DE	not DE
EVM0000246	LG7	hypothetical protein JCGZ_227	not DE	not DE	not DE	not DE
EVM0004683	LG7	hypothetical protein JCGZ_227	not DE	not DE	not DE	not DE
EVM0015300	LG7	hypothetical protein JCGZ_227	not DE	not DE	not DE	not DE
EVM0008404	LG7	hypothetical protein JCGZ_238	not DE	not DE	-5.93706	#####
EVM0023216	LG7	hypothetical protein JCGZ_238	not DE	not DE	not DE	not DE
EVM0017941	LG7	hypothetical protein JCGZ_238	not DE	not DE	not DE	not DE
EVM0012368	LG7	hypothetical protein JCGZ_248	not DE	not DE	not DE	not DE
EVM0014624	LG7	hypothetical protein JCGZ_259	not DE	not DE	not DE	not DE
EVM0020578	LG7	hypothetical protein JCGZ_259	not DE	not DE	not DE	not DE
EVM0017300	LG7	hypothetical protein JCGZ_267	not DE	not DE	not DE	not DE
EVM0003684	LG7	hypothetical protein L484_000	not DE	not DE	1.995296	#####
EVM0000524	LG7	hypothetical protein L484_001	not DE	not DE	not DE	not DE
EVM0002369	LG7	hypothetical protein L484_002	not DE	not DE	-1.11457	0.00504
EVM0006665	LG7	hypothetical protein L484_016	not DE	not DE	not DE	not DE
EVM0010769	LG7	hypothetical protein L484_019	not DE	not DE	not DE	not DE
EVM0000788	LG7	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0009717	LG7	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0001734	LG7	hypothetical protein PHAVU_00	not DE	not DE	-1.39134	0.00412
EVM0010121	LG7	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0013110	LG7	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0020087	LG7	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0011205	LG7	hypothetical protein PHAVU_01	not DE	not DE	1.14855	0.03212
EVM0008853	LG7	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0017080	LG7	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0005292	LG7	hypothetical protein POPTR_00	-1.03	0.048541	not DE	not DE
EVM0018843	LG7	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0017538	LG7	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0015035	LG7	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE



EVM0021710	LG7	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0016739	LG7	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020500	LG7	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0004221	LG7	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0014480	LG7	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010518	LG7	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020303	LG7	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0005713	LG7	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019443	LG7	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019537	LG7	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019259	LG7	hypothetical protein POPTR_04	not DE	not DE	not DE	not DE
EVM0024236	LG7	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0022056	LG7	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0010982	LG7	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0013264	LG7	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0010199	LG7	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0000387	LG7	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0006119	LG7	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0012489	LG7	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0013175	LG7	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0022262	LG7	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0007088	LG7	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0011896	LG7	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0019633	LG7	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0003805	LG7	hypothetical protein RCOM_014	not DE	not DE	not DE	not DE
EVM0015044	LG7	hypothetical protein RCOM_014	not DE	not DE	not DE	not DE
EVM0012815	LG7	hypothetical protein SELMODRA	not DE	not DE	not DE	not DE
EVM0013543	LG7	hypothetical protein SELMODRA	not DE	not DE	not DE	not DE
EVM0019525	LG7	hypothetical protein SELMODRA	not DE	not DE	not DE	not DE
EVM0021309	LG7	hypothetical protein SORBIDRA	not DE	not DE	not DE	not DE
EVM0008680	LG7	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0001160	LG7	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0010558	LG7	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0021108	LG7	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0001453	LG7	hypothetical protein ZEAMMB73	not DE	not DE	not DE	not DE
EVM0011000	LG7	hypothetical protein ZEAMMB73	-1.67592	0.000136	not DE	not DE
EVM0011623	LG7	hypothetical protein ZEAMMB73	not DE	not DE	1.536298	#####
EVM0018691	LG7	integrase	not DE	not DE	not DE	not DE
EVM0008502	LG7	kinesin, putative	not DE	not DE	not DE	not DE
EVM0022490	LG7	microsomal oleate desaturase	not DE	not DE	not DE	not DE
EVM0016785	LG7	mitogen-activated protein kin	not DE	not DE	not DE	not DE
EVM0002801	LG7	nutrient reservoir, putative	not DE	not DE	not DE	not DE
EVM0005885	LG7	oxidoreductase family protein	not DE	not DE	not DE	not DE
EVM0007488	LG7	oxidoreductase family protein	not DE	not DE	not DE	not DE
EVM0012281	LG7	oxidoreductase family protein	not DE	not DE	not DE	not DE
EVM0020970	LG7	oxidoreductase family protein	not DE	not DE	not DE	not DE
EVM0019840	LG7	peroxidase 2	not DE	not DE	not DE	not DE
EVM0014453	LG7	photosystem II protein M	not DE	not DE	not DE	not DE
EVM0006512	LG7	putative carboxylesterase 15	not DE	not DE	not DE	not DE
EVM0000352	LG7	putative cysteine proteinase	not DE	not DE	3.389118	0.00787
EVM0021079	LG7	putative cysteine proteinase	not DE	not DE	not DE	not DE
EVM0014811	LG7	putative retroelement pol pol	not DE	not DE	not DE	not DE
EVM0004533	LG7	pyruvate kinase, putative	not DE	not DE	not DE	not DE
EVM0015173	LG7	pyruvate kinase, putative	not DE	not DE	not DE	not DE

EVM0014144	LG7	ribosomal protein L20	not DE	not DE	not DE	not DE
EVM0024583	LG7	rpoC-like ORF 151	not DE	not DE	not DE	not DE
EVM0000476	LG7	serine-threonine protein kinase	not DE	not DE	not DE	not DE
EVM0005923	LG7	sialyltransferase, putative	-1.22153	0.002997	not DE	not DE
EVM0003201	LG7	signal peptide peptidase family	not DE	not DE	not DE	not DE
EVM0017724	LG7	terminal flower 1 protein	not DE	not DE	not DE	not DE
EVM0000100	LG7	transcription factor, putative	not DE	not DE	not DE	not DE
EVM0019110	LG7	translation initiation factor	not DE	not DE	not DE	not DE
EVM0008412	LG7	type 2A protein phosphatase-3	not DE	not DE	not DE	not DE
EVM0017635	LG7	ubiquitin-protein ligase, putative	not DE	not DE	not DE	not DE
EVM0018711	LG7	ubiquitin-protein ligase, putative	not DE	not DE	not DE	not DE
EVM0023617	LG7	uncharacterized protein LOC10	not DE	not DE	not DE	not DE
EVM0000205	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0001617	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0002054	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0002175	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0003123	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0004151	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0006311	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0006427	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0006994	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0009163	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0010520	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0011454	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0011522	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0011644	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0013994	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0015863	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0018154	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0018720	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0018941	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0019646	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0019899	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0021463	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0022146	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0024429	LG7	unknown protein	not DE	not DE	not DE	not DE
EVM0000522	LG7	unnamed protein product	not DE	not DE	not DE	not DE
EVM0001018	LG7	unnamed protein product	not DE	not DE	not DE	not DE
EVM0004928	LG7	unnamed protein product	not DE	not DE	not DE	not DE
EVM0005516	LG7	unnamed protein product	not DE	not DE	not DE	not DE
EVM0008359	LG7	unnamed protein product	not DE	not DE	2.135014	0.03466
EVM0009174	LG7	unnamed protein product	not DE	not DE	not DE	not DE
EVM0014705	LG7	unnamed protein product	not DE	not DE	not DE	not DE
EVM0015919	LG7	unnamed protein product	not DE	not DE	1.223558	0.04801
EVM0016142	LG7	unnamed protein product	not DE	not DE	2.611017	0.00144
EVM0019913	LG7	unnamed protein product	not DE	not DE	not DE	not DE
EVM0021596	LG7	unnamed protein product	not DE	not DE	not DE	not DE
EVM0022114	LG7	unnamed protein product	not DE	not DE	not DE	not DE
EVM0023090	LG7	unnamed protein product	not DE	not DE	not DE	not DE
EVM0007979	LG7	xyloglucan endotransglycosylase	not DE	not DE	not DE	not DE
EVM0006424	LG7	zinc finger protein, putative	not DE	not DE	not DE	not DE
EVM0017916	LG8	1-(5-phosphoribosyl)-5-[(5-phosphoribosyl)amino]imidazole-4-carboxamide	not DE	not DE	not DE	not DE
EVM0004427	LG8	10 kDa chaperonin	-2.23825	5.34E-13	-1.41631	#####
EVM0010122	LG8	21 kDa protein-like	-2.326	0.021214	not DE	not DE

EVM0015363	LG8	26S protease regulatory subunit	not DE	not DE	not DE	not DE
EVM0012525	LG8	4-hydroxybenzoate polyprenyl	1.462553	0.003969	not DE	not DE
EVM0000321	LG8	40S ribosomal protein S9-2	not DE	not DE	not DE	not DE
EVM0005082	LG8	5-formyltetrahydrofolate cyc	-1.14062	0.004427	not DE	not DE
EVM0008829	LG8	50S ribosomal protein L1, ch	not DE	not DE	not DE	not DE
EVM0016394	LG8	50S ribosomal protein L15, c	not DE	not DE	not DE	not DE
EVM0021207	LG8	60S ribosomal protein L31	not DE	not DE	not DE	not DE
EVM0023943	LG8	60S ribosomal protein L6-like	not DE	not DE	not DE	not DE
EVM0009878	LG8	65-kDa microtubule-associate	not DE	not DE	not DE	not DE
EVM0006908	LG8	65-kDa microtubule-associate	not DE	not DE	not DE	not DE
EVM0023062	LG8	66 kDa stress protein-like i	not DE	not DE	not DE	not DE
EVM0008443	LG8	ABC transporter F family mem	not DE	not DE	not DE	not DE
EVM0008109	LG8	ADP-ribosylation factor	not DE	not DE	not DE	not DE
EVM0001559	LG8	ALBINO3-like protein 1, chl	not DE	not DE	not DE	not DE
EVM0001672	LG8	AP2/ERF and B3 domain-contain	not DE	not DE	not DE	not DE
EVM0019063	LG8	ARM REPEAT PROTEIN INTERACTI	not DE	not DE	not DE	not DE
EVM0014981	LG8	ATP synthase subunit 0, mito	not DE	not DE	not DE	not DE
EVM0009229	LG8	BTB/POZ domain-containing pr	not DE	not DE	not DE	not DE
EVM0000902	LG8	CLAVATA3/ESR (CLE)-related p	not DE	not DE	not DE	not DE
EVM0007671	LG8	CSC1-like protein At3g54510	not DE	not DE	not DE	not DE
EVM0013118	LG8	D-aminoacyl-tRNA deacylase-l	not DE	not DE	not DE	not DE
EVM0023102	LG8	DEAD-box ATP-dependent RNA h	not DE	not DE	not DE	not DE
EVM0015323	LG8	DELLA protein GAI1-like	1.222804	0.020025	not DE	not DE
EVM0023248	LG8	DELLA protein GAIP-B-like	not DE	not DE	not DE	not DE
EVM0014388	LG8	DNA topoisomerase 2-like	not DE	not DE	not DE	not DE
EVM0011505	LG8	DNA-directed RNA polymerase	not DE	not DE	not DE	not DE
EVM0020458	LG8	DNA-directed RNA polymerases	not DE	not DE	1.016711	0.04546
EVM0002212	LG8	DNA/RNA-binding protein KIN1	not DE	not DE	not DE	not DE
EVM0004764	LG8	DTW domain-containing protei	not DE	not DE	not DE	not DE
EVM0000923	LG8	E3 ubiquitin ligase BIG BROT	3.077738	0.0231	not DE	not DE
EVM0001461	LG8	E3 ubiquitin ligase BIG BROT	not DE	not DE	not DE	not DE
EVM0022511	LG8	E3 ubiquitin ligase BIG BROT	not DE	not DE	not DE	not DE
EVM0009270	LG8	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0010037	LG8	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0019768	LG8	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0021599	LG8	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0009601	LG8	EG45-like domain containing	not DE	not DE	not DE	not DE
EVM0021560	LG8	EG45-like domain containing	not DE	not DE	not DE	not DE
EVM0014974	LG8	ELMO domain-containing prote	not DE	not DE	not DE	not DE
EVM0007652	LG8	ENHANCER OF AG-4 protein 2-l	not DE	not DE	-1.02246	0.00065
EVM0002215	LG8	F-box only protein 6-like	not DE	not DE	not DE	not DE
EVM0022041	LG8	F-box protein At1g30790-like	not DE	not DE	not DE	not DE
EVM0013561	LG8	F-box protein At1g67340-like	not DE	not DE	not DE	not DE
EVM0017600	LG8	F-box protein CPR30-like isc	not DE	not DE	not DE	not DE
EVM0023784	LG8	F-box protein SKIP14-like	not DE	not DE	not DE	not DE
EVM0017299	LG8	F-box/LRR-repeat protein 4-l	not DE	not DE	not DE	not DE
EVM0012009	LG8	F-box/kelch-repeat protein A	-2.29826	0.014064	not DE	not DE
EVM0002671	LG8	F-box/kelch-repeat protein S	not DE	not DE	not DE	not DE
EVM0009223	LG8	FAM203 family protein DDB_GC	not DE	not DE	not DE	not DE
EVM0016272	LG8	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0005889	LG8	GDSL esterase/lipase At3g264	not DE	not DE	not DE	not DE
EVM0003020	LG8	GDT1-like protein 4	not DE	not DE	not DE	not DE
EVM0011621	LG8	HIPL1 protein-like isoform X	not DE	not DE	not DE	not DE
EVM0009474	LG8	HORMA domain-containing prot	not DE	not DE	not DE	not DE

EVM0017858	LG8	HVA22-like protein c-like	not DE	not DE	1.369266	#####
EVM0009301	LG8	IAA-alanine resistance prote	not DE	not DE	not DE	not DE
EVM0017277	LG8	LOB domain-containing protei	not DE	not DE	not DE	not DE
EVM0013969	LG8	LOW QUALITY PROTEIN: LRR rec	not DE	not DE	not DE	not DE
EVM0012051	LG8	LOW QUALITY PROTEIN: putativ	1.188193	0.004059	not DE	not DE
EVM0002459	LG8	LOW QUALITY PROTEIN: subtili	not DE	not DE	not DE	not DE
EVM0005148	LG8	LOW QUALITY PROTEIN: telomer	not DE	not DE	not DE	not DE
EVM0023028	LG8	LRR receptor-like serine/thr	not DE	not DE	not DE	not DE
EVM0003241	LG8	MADS-box transcription facto	not DE	not DE	not DE	not DE
EVM0022124	LG8	MADS-box transcription facto	not DE	not DE	not DE	not DE
EVM0003112	LG8	MATE efflux family protein 5	not DE	not DE	not DE	not DE
EVM0012316	LG8	MATE efflux family protein 7	not DE	not DE	not DE	not DE
EVM0010048	LG8	MATE efflux family protein 9	not DE	not DE	not DE	not DE
EVM0004777	LG8	MLP-like protein 34	not DE	not DE	1.31446	0.01107
EVM0006778	LG8	MLP-like protein 34	not DE	not DE	not DE	not DE
EVM0007136	LG8	N-alpha-acetyltransferase 11	not DE	not DE	not DE	not DE
EVM0008653	LG8	NAC domain-containing protei	not DE	not DE	not DE	not DE
EVM0015196	LG8	NAC domain-containing protei	not DE	not DE	1.31341	0.04947
EVM0007937	LG8	RNA-dependent RNA polymerase	not DE	not DE	not DE	not DE
EVM0019936	LG8	TIMELESS-interacting protein	not DE	not DE	not DE	not DE
EVM0013099	LG8	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0007308	LG8	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0024588	LG8	U-box domain-containing prot	4.44355	7.64E-18	not DE	not DE
EVM0007041	LG8	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0004803	LG8	U6 snRNA-associated Sm-like	not DE	not DE	not DE	not DE
EVM0017720	LG8	UBX domain-containing protei	not DE	not DE	not DE	not DE
EVM0003125	LG8	UDP-glycosyltransferase 89A2	not DE	not DE	not DE	not DE
EVM0021784	LG8	UDP-glycosyltransferase 89A2	not DE	not DE	not DE	not DE
EVM0000693	LG8	WAT1-related protein At3g28C	not DE	not DE	not DE	not DE
EVM0018219	LG8	acyl-CoA--sterol 0-acyltrans	not DE	not DE	not DE	not DE
EVM0020181	LG8	acyl-CoA--sterol 0-acyltrans	not DE	not DE	not DE	not DE
EVM0001351	LG8	alpha-N-acetylglucosaminidas	not DE	not DE	not DE	not DE
EVM0010501	LG8	alpha-galactosidase-like isc	not DE	not DE	not DE	not DE
EVM0007790	LG8	alpha-ketoglutarate-dependen	not DE	not DE	not DE	not DE
EVM0016608	LG8	alpha-xylosidase 1-like isof	not DE	not DE	not DE	not DE
EVM0005839	LG8	alpha/beta hydrolase domain-	not DE	not DE	not DE	not DE
EVM0018564	LG8	alpha/beta hydrolase domain-	not DE	not DE	not DE	not DE
EVM0011563	LG8	aluminum-activated malate tr	not DE	not DE	not DE	not DE
EVM0000721	LG8	amino-acid permease BAT1 hom	not DE	not DE	not DE	not DE
EVM0010058	LG8	anaphase-promoting complex s	not DE	not DE	not DE	not DE
EVM0002535	LG8	ankyrin repeat and sterile a	not DE	not DE	not DE	not DE
EVM0010380	LG8	annexin D3	not DE	not DE	not DE	not DE
EVM0003453	LG8	anther-specific proline-rich	not DE	not DE	not DE	not DE
EVM0013263	LG8	anther-specific proline-rich	not DE	not DE	not DE	not DE
EVM0001669	LG8	auxin efflux carrier compone	not DE	not DE	-1.25837	0.00021
EVM0005533	LG8	auxin response factor 2-like	not DE	not DE	not DE	not DE
EVM0006821	LG8	auxin response factor 4-like	not DE	not DE	not DE	not DE
EVM0001353	LG8	auxin-responsive protein IAA	not DE	not DE	not DE	not DE
EVM0006478	LG8	auxin-responsive protein IAA	not DE	not DE	not DE	not DE
EVM0018597	LG8	axial regulator YABBY 4-like	not DE	not DE	not DE	not DE
EVM0022160	LG8	beta-glucosidase 12	not DE	not DE	not DE	not DE
EVM0012267	LG8	beta-glucosidase 17-like isc	not DE	not DE	not DE	not DE
EVM0014375	LG8	beta-hexosaminidase 2	not DE	not DE	not DE	not DE
EVM0001871	LG8	caffeoylshikimate esterase-l	not DE	not DE	not DE	not DE

EVM0004562	LG8	calumenin-like isoform X1	not DE	not DE	not DE	not DE
EVM0016353	LG8	carbonic anhydrase, chloropl	not DE	not DE	not DE	not DE
EVM0014287	LG8	carotenoid 9,10(9&apos;,10&a	not DE	not DE	not DE	not DE
EVM0006658	LG8	cation/H(+) antiporter 28-li	not DE	not DE	not DE	not DE
EVM0010892	LG8	cell division control protei	not DE	not DE	not DE	not DE
EVM0004020	LG8	cell division control protei	not DE	not DE	not DE	not DE
EVM0008600	LG8	cellulose synthase A catalyt	not DE	not DE	not DE	not DE
EVM0014581	LG8	cellulose synthase A catalyt	not DE	not DE	not DE	not DE
EVM0020549	LG8	chaperonin 60 subunit beta 4	not DE	not DE	not DE	not DE
EVM0007572	LG8	chlorophyll a-b binding prot	-2.29997	8.93E-05	not DE	not DE
EVM0015154	LG8	cinnamoyl-CoA reductase 1	not DE	not DE	not DE	not DE
EVM0008803	LG8	cinnamoyl-CoA reductase 1 is	-2.41582	0.013084	not DE	not DE
EVM0012624	LG8	cinnamoyl-CoA reductase 1 is	not DE	not DE	not DE	not DE
EVM0021797	LG8	cinnamoyl-CoA reductase 1 is	not DE	not DE	not DE	not DE
EVM0001172	LG8	citrate synthase, mitochondr	not DE	not DE	not DE	not DE
EVM0015970	LG8	cleavage and polyadenylation	not DE	not DE	not DE	not DE
EVM0000609	LG8	clustered mitochondria prote	not DE	not DE	-1.23446	#####
EVM0001676	LG8	coiled-coil domain-containin	not DE	not DE	not DE	not DE
EVM0003331	LG8	copper amine oxidase 1-like	not DE	not DE	not DE	not DE
EVM0023660	LG8	crossover junction endonucle	not DE	not DE	not DE	not DE
EVM0003636	LG8	cyclic dof factor 3-like	not DE	not DE	not DE	not DE
EVM0009164	LG8	cyclin-D1-binding protein 1	not DE	not DE	not DE	not DE
EVM0010825	LG8	cysteine-rich receptor-like	not DE	not DE	not DE	not DE
EVM0017888	LG8	cysteine-rich receptor-like	not DE	not DE	not DE	not DE
EVM0020692	LG8	cysteine-rich repeat secret	not DE	not DE	not DE	not DE
EVM0016708	LG8	cytochrome P450 705A5	not DE	not DE	not DE	not DE
EVM0021721	LG8	cytochrome P450 71B37-like	not DE	not DE	not DE	not DE
EVM0012463	LG8	cytochrome P450 734A1-like	not DE	not DE	not DE	not DE
EVM0018482	LG8	cytochrome P450 85A1-like	not DE	not DE	not DE	not DE
EVM0007085	LG8	delta(3,5)-Delta(2,4)-dienoy	not DE	not DE	not DE	not DE
EVM0021113	LG8	dentin sialophosphoprotein-1	1.287651	0.002797	not DE	not DE
EVM0022842	LG8	dentin sialophosphoprotein-1	not DE	not DE	not DE	not DE
EVM0003942	LG8	digestive organ expansion fa	not DE	not DE	not DE	not DE
EVM0017978	LG8	dnaJ homolog subfamily B mem	not DE	not DE	not DE	not DE
EVM0021223	LG8	double-stranded RNA-binding	not DE	not DE	not DE	not DE
EVM0008519	LG8	dynein light chain LC6, flag	not DE	not DE	1.635675	0.00557
EVM0021631	LG8	early endosome antigen 1-lik	not DE	not DE	not DE	not DE
EVM0022998	LG8	endoglucanase 5-like	not DE	not DE	not DE	not DE
EVM0000761	LG8	endoplasmic reticulum metall	not DE	not DE	-1.23102	0.0238
EVM0006691	LG8	expansin-A1	not DE	not DE	not DE	not DE
EVM0016038	LG8	expansin-A1	not DE	not DE	not DE	not DE
EVM0012114	LG8	extracellular ribonuclease L	5.52777	0.005807	not DE	not DE
EVM0021249	LG8	extracellular ribonuclease L	not DE	not DE	not DE	not DE
EVM0013409	LG8	fruit protein pKIWI502-like	not DE	not DE	not DE	not DE
EVM0014214	LG8	glucan endo-1,3-beta-glucosi	not DE	not DE	not DE	not DE
EVM0003238	LG8	glucose-6-phosphate 1-dehydr	not DE	not DE	not DE	not DE
EVM0022618	LG8	glucuronoxylan 4-O-methyltra	not DE	not DE	not DE	not DE
EVM0021678	LG8	glutaredoxin-C1-like	not DE	not DE	not DE	not DE
EVM0002980	LG8	glutathione S-transferase Ul	not DE	not DE	not DE	not DE
EVM0005444	LG8	glutathione S-transferase Ul	not DE	not DE	not DE	not DE
EVM0000441	LG8	glycerophosphodiester phosph	not DE	not DE	not DE	not DE
EVM0012753	LG8	heat shock protein 83-like	not DE	not DE	not DE	not DE
EVM0019973	LG8	heat shock protein 83-like	not DE	not DE	not DE	not DE
EVM0024253	LG8	heme-binding-like protein At	not DE	not DE	not DE	not DE

EVM0012420	LG8	high mobility group B protein	not DE	not DE	1.797285	0.01626
EVM0022816	LG8	histidine kinase 3-like isoform	not DE	not DE	not DE	not DE
EVM0006784	LG8	homeobox-leucine zipper protein	not DE	not DE	not DE	not DE
EVM0013424	LG8	homeobox-leucine zipper protein	not DE	not DE	not DE	not DE
EVM0000741	LG8	importin-4	not DE	not DE	-1.06108	0.00504
EVM0003657	LG8	inactive leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0011174	LG8	inorganic phosphate transporter	-1.04487	0.004485	not DE	not DE
EVM0006982	LG8	katanin p80 WD40 repeat-containing	not DE	not DE	not DE	not DE
EVM0004274	LG8	leucoanthocyanidin reductase	not DE	not DE	not DE	not DE
EVM0011770	LG8	leucoanthocyanidin reductase	not DE	not DE	not DE	not DE
EVM0006643	LG8	lignin-forming anionic peroxidase	not DE	not DE	not DE	not DE
EVM0002061	LG8	lipoyxygenase 6, chloroplast	not DE	not DE	not DE	not DE
EVM0013547	LG8	lysM domain receptor-like kinase	not DE	not DE	not DE	not DE
EVM0009619	LG8	lysM domain-containing GPI-anchored	not DE	not DE	not DE	not DE
EVM0012443	LG8	mediator of RNA polymerase II	not DE	not DE	not DE	not DE
EVM0019502	LG8	microtubule-associated protein	not DE	not DE	not DE	not DE
EVM0016934	LG8	microtubule-associated protein	not DE	not DE	not DE	not DE
EVM0009846	LG8	mitochondrial import receptor	not DE	not DE	not DE	not DE
EVM0023959	LG8	mitochondrial uncoupling protein	not DE	not DE	not DE	not DE
EVM0014208	LG8	mitotic spindle checkpoint protein	not DE	not DE	2.703109	0.03454
EVM0020126	LG8	monoacylglycerol lipase ABHD11	-2.32198	2.09E-08	not DE	not DE
EVM0008965	LG8	multiple C2 and transmembrane domain	not DE	not DE	not DE	not DE
EVM0017640	LG8	myb family transcription factor	not DE	not DE	not DE	not DE
EVM0015787	LG8	myb-related protein A-like isoform	not DE	not DE	not DE	not DE
EVM0014246	LG8	myosin-1-like	not DE	not DE	not DE	not DE
EVM0015451	LG8	neurolysin, mitochondrial-like	not DE	not DE	not DE	not DE
EVM0000216	LG8	nicotinate-nucleotide pyrophosphorylase	not DE	not DE	not DE	not DE
EVM0001730	LG8	nicotinate-nucleotide pyrophosphorylase	not DE	not DE	not DE	not DE
EVM0006236	LG8	non-functional NADPH-dependent	not DE	not DE	not DE	not DE
EVM0013405	LG8	non-functional NADPH-dependent	-3.20159	5.27E-05	not DE	not DE
EVM0018772	LG8	non-functional NADPH-dependent	not DE	not DE	not DE	not DE
EVM0017984	LG8	non-specific lipid-transfer protein	1.484735	0.007105	not DE	not DE
EVM0004628	LG8	non-specific lipid-transfer protein	not DE	not DE	not DE	not DE
EVM0007435	LG8	nuclear factor of activated T-cells	1.34157	8.52E-05	not DE	not DE
EVM0001451	LG8	omega-hydroxypalmitate O-ferredoxin	not DE	not DE	not DE	not DE
EVM0005552	LG8	origin recognition complex subunit	not DE	not DE	not DE	not DE
EVM0015001	LG8	outer envelope pore protein	not DE	not DE	not DE	not DE
EVM0003256	LG8	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0007290	LG8	pentatricopeptide repeat-containing	1.99132	0.000402	not DE	not DE
EVM0024451	LG8	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0018334	LG8	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0014542	LG8	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0016167	LG8	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0012981	LG8	pentatricopeptide repeat-containing	2.185554	0.006757	not DE	not DE
EVM0024317	LG8	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0022423	LG8	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0013038	LG8	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0014752	LG8	pentatricopeptide repeat-containing	1.904888	0.003707	not DE	not DE
EVM0008170	LG8	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0001758	LG8	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0018443	LG8	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0020767	LG8	pentatricopeptide repeat-containing	not DE	not DE	not DE	not DE
EVM0021070	LG8	peptidyl-prolyl cis-trans isomerase	not DE	not DE	not DE	not DE
EVM0001324	LG8	peroxisomal membrane protein	not DE	not DE	not DE	not DE

EVM0018982	LG8	photosystem II core complex	-2.07372	2.03E-05	not DE	not DE
EVM0006683	LG8	phytochrome-associated serin	not DE	not DE	not DE	not DE
EVM0011875	LG8	phytosulfokines 4-like	not DE	not DE	not DE	not DE
EVM0008017	LG8	polygalacturonase Atlg48100-	not DE	not DE	not DE	not DE
EVM0009158	LG8	polygalacturonase-like	not DE	not DE	not DE	not DE
EVM0020850	LG8	polyvinylalcohol dehydrogena	not DE	not DE	not DE	not DE
EVM0019863	LG8	pre-mRNA-splicing factor ATP	not DE	not DE	not DE	not DE
EVM0015734	LG8	probable ADP-ribosylation fan	not DE	not DE	not DE	not DE
EVM0017545	LG8	probable E3 ubiquitin-protein	not DE	not DE	not DE	not DE
EVM0001729	LG8	probable E3 ubiquitin-protein	not DE	not DE	not DE	not DE
EVM0011847	LG8	probable E3 ubiquitin-protein	not DE	not DE	not DE	not DE
EVM0007872	LG8	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0022074	LG8	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0021666	LG8	probable WRKY transcription	not DE	not DE	not DE	not DE
EVM0003950	LG8	probable WRKY transcription	not DE	not DE	not DE	not DE
EVM0024356	LG8	probable apyrase 6-like	not DE	not DE	not DE	not DE
EVM0016704	LG8	probable aquaporin NIP-type	not DE	not DE	not DE	not DE
EVM0008078	LG8	probable ascorbate-specific	not DE	not DE	not DE	not DE
EVM0015056	LG8	probable carboxylesterase 6	not DE	not DE	not DE	not DE
EVM0005860	LG8	probable galacturonosyltrans	not DE	not DE	not DE	not DE
EVM0020937	LG8	probable galacturonosyltrans	not DE	not DE	not DE	not DE
EVM0004804	LG8	probable inactive poly	not DE	not DE	not DE	not DE
EVM0019126	LG8	probable inactive purple aci	not DE	not DE	not DE	not DE
EVM0014855	LG8	probable inactive purple aci	not DE	not DE	not DE	not DE
EVM0003045	LG8	probable leucine-rich repeat	not DE	not DE	not DE	not DE
EVM0004687	LG8	probable methyltransferase P	not DE	not DE	not DE	not DE
EVM0006025	LG8	probable nucleoredoxin 1-lik	not DE	not DE	not DE	not DE
EVM0017547	LG8	probable nucleoredoxin 1-lik	not DE	not DE	not DE	not DE
EVM0018435	LG8	probable pectate lyase 5	not DE	not DE	not DE	not DE
EVM0021898	LG8	probable potassium transport	not DE	not DE	not DE	not DE
EVM0016611	LG8	probable protein S-acyltrans	not DE	not DE	not DE	not DE
EVM0010609	LG8	probable receptor protein kin	not DE	not DE	not DE	not DE
EVM0001384	LG8	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0012244	LG8	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0017330	LG8	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0017464	LG8	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0017770	LG8	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0018913	LG8	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0018959	LG8	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0020261	LG8	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0009630	LG8	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0024524	LG8	probable replication factor	not DE	not DE	not DE	not DE
EVM0012768	LG8	probable ribose-5-phosphate	not DE	not DE	not DE	not DE
EVM0003322	LG8	probable serine/threonine-pr	not DE	not DE	not DE	not DE
EVM0021210	LG8	probable serine/threonine-pr	not DE	not DE	not DE	not DE
EVM0010092	LG8	probable signal peptidase co	not DE	not DE	not DE	not DE
EVM0014904	LG8	probable sulfate transporter	not DE	not DE	not DE	not DE
EVM0006500	LG8	probable transmembrane ascor	not DE	not DE	not DE	not DE
EVM0021615	LG8	proline-rich receptor-like p	not DE	not DE	not DE	not DE
EVM0011577	LG8	proline-rich receptor-like p	not DE	not DE	not DE	not DE
EVM0001492	LG8	prolyl endopeptidase-like is	not DE	not DE	not DE	not DE
EVM0005769	LG8	proteasome subunit beta type	not DE	not DE	not DE	not DE
EVM0002985	LG8	protein ACCUMULATION AND REP	not DE	not DE	not DE	not DE
EVM0008694	LG8	protein BCCIP homolog isoform	not DE	not DE	not DE	not DE

EVM0018010	LG8	protein CRABS CLAW-like	not DE	not DE	not DE	not DE
EVM0002382	LG8	protein FAR1-RELATED SEQUENC	not DE	not DE	not DE	not DE
EVM0012370	LG8	protein FAR1-RELATED SEQUENC	not DE	not DE	not DE	not DE
EVM0006848	LG8	protein IQ-DOMAIN 14-like is	not DE	not DE	1.272095	0.00135
EVM0006911	LG8	protein IQ-DOMAIN 31-like is	not DE	not DE	not DE	not DE
EVM0011489	LG8	protein Iojap-related, mitoc	not DE	not DE	not DE	not DE
EVM0017796	LG8	protein KTI12 homolog	not DE	not DE	not DE	not DE
EVM0008416	LG8	protein MKS1	not DE	not DE	not DE	not DE
EVM0008111	LG8	protein O-linked-mannose bet	not DE	not DE	not DE	not DE
EVM0012401	LG8	protein O-linked-mannose bet	not DE	not DE	not DE	not DE
EVM0006321	LG8	protein OBERON 4-like	not DE	not DE	not DE	not DE
EVM0018703	LG8	protein PHYLL0, chloroplasti	not DE	not DE	not DE	not DE
EVM0013748	LG8	protein PLANT CADMIUM RESIST	not DE	not DE	not DE	not DE
EVM0004924	LG8	protein PLANT CADMIUM RESIST	-2.12266	0.018817	not DE	not DE
EVM0012490	LG8	protein PLANT CADMIUM RESIST	not DE	not DE	1.125136	0.00175
EVM0007373	LG8	protein POLLEN DEFECTIVE IN	not DE	not DE	not DE	not DE
EVM0005828	LG8	protein SPIRAL1-like 1	not DE	not DE	not DE	not DE
EVM0005856	LG8	protein TRANSPARENT TESTA 12	not DE	not DE	not DE	not DE
EVM0015517	LG8	protein TRANSPARENT TESTA 12	not DE	not DE	not DE	not DE
EVM0017958	LG8	protein TRANSPARENT TESTA 12	not DE	not DE	not DE	not DE
EVM0012204	LG8	protein TWIN LOV 1-like isof	not DE	not DE	not DE	not DE
EVM0003285	LG8	protein VAC14 homolog isoform	not DE	not DE	not DE	not DE
EVM0005135	LG8	protein VAC14 homolog isoform	not DE	not DE	not DE	not DE
EVM0024084	LG8	protein gamma response 1-like	not DE	not DE	not DE	not DE
EVM0015147	LG8	protein kinase APK1A, chloro	not DE	not DE	not DE	not DE
EVM0021189	LG8	protein terminal ear1-like	not DE	not DE	not DE	not DE
EVM0014110	LG8	protein transport protein SE	not DE	not DE	not DE	not DE
EVM0023053	LG8	protein-S-isoprenylcysteine	not DE	not DE	not DE	not DE
EVM0002203	LG8	purple acid phosphatase 17-l	not DE	not DE	not DE	not DE
EVM0009261	LG8	putative SNAP25 homologous p	1.266298	0.002963	not DE	not DE
EVM0004093	LG8	putative disease resistance	not DE	not DE	not DE	not DE
EVM0015824	LG8	putative disease resistance	not DE	not DE	not DE	not DE
EVM0014005	LG8	putative disease resistance	not DE	not DE	not DE	not DE
EVM0001232	LG8	putative disease resistance	not DE	not DE	not DE	not DE
EVM0014883	LG8	putative disease resistance	not DE	not DE	not DE	not DE
EVM0019750	LG8	putative disease resistance	not DE	not DE	not DE	not DE
EVM0022023	LG8	putative disease resistance	not DE	not DE	not DE	not DE
EVM0003196	LG8	putative disease resistance	not DE	not DE	not DE	not DE
EVM0001241	LG8	putative fasciclin-like arab	not DE	not DE	not DE	not DE
EVM0000150	LG8	putative glutamine amidotran	not DE	not DE	not DE	not DE
EVM0009360	LG8	putative multidrug resistanc	not DE	not DE	not DE	not DE
EVM0019769	LG8	putative nuclear matrix cons	not DE	not DE	not DE	not DE
EVM0006676	LG8	putative pectinesterase/pect	not DE	not DE	not DE	not DE
EVM0015584	LG8	putative pectinesterase/pect	not DE	not DE	not DE	not DE
EVM0010599	LG8	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0021570	LG8	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0002927	LG8	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0018938	LG8	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0011354	LG8	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0018201	LG8	putative pentatricopeptide r	1.356519	0.015313	not DE	not DE
EVM0000839	LG8	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0000886	LG8	putative phospholipid-transp	not DE	not DE	-1.26654	0.04577
EVM0007494	LG8	putative ribonuclease H prot	not DE	not DE	not DE	not DE
EVM0013667	LG8	pyroglutamyl-peptidase 1-lik	not DE	not DE	not DE	not DE



EVM0009206	LG8	rRNA biogenesis protein RRP3	not DE	not DE	not DE	not DE
EVM0016694	LG8	ras GTPase-activating protein	not DE	not DE	not DE	not DE
EVM0024449	LG8	ras-related protein RGP1	not DE	not DE	not DE	not DE
EVM0023644	LG8	repressor of RNA polymerase	not DE	not DE	not DE	not DE
EVM0013944	LG8	ribulose biphosphate carboxylase	-1.85731	0.018929	not DE	not DE
EVM0005388	LG8	scarecrow-like protein 3 isoform	not DE	not DE	not DE	not DE
EVM0023505	LG8	serine carboxypeptidase-like	not DE	not DE	not DE	not DE
EVM0015175	LG8	serine/arginine-rich splicing	not DE	not DE	not DE	not DE
EVM0013131	LG8	serine/threonine protein phosphatase	not DE	not DE	not DE	not DE
EVM0012004	LG8	serine/threonine-protein kinase	not DE	not DE	not DE	not DE
EVM0017385	LG8	serine/threonine-protein kinase	not DE	not DE	not DE	not DE
EVM0014128	LG8	serine/threonine-protein kinase	not DE	not DE	not DE	not DE
EVM0016994	LG8	serine/threonine-protein kinase	not DE	not DE	not DE	not DE
EVM0020719	LG8	single-stranded DNA-binding protein	not DE	not DE	not DE	not DE
EVM0020828	LG8	sister chromatid cohesion 1	not DE	not DE	not DE	not DE
EVM0003713	LG8	sodium/hydrogen exchanger 7	not DE	not DE	not DE	not DE
EVM0015433	LG8	somatic embryogenesis receptor	not DE	not DE	not DE	not DE
EVM0021049	LG8	spindle assembly abnormal protein	not DE	not DE	not DE	not DE
EVM0021684	LG8	sulfhydryl oxidase 2-like isoform	not DE	not DE	not DE	not DE
EVM0015882	LG8	thioredoxin H2-like	-1.14307	0.002418	not DE	not DE
EVM0010354	LG8	threonine--tRNA ligase, mitochondrial	not DE	not DE	not DE	not DE
EVM0012957	LG8	transcription and mRNA export	not DE	not DE	not DE	not DE
EVM0007719	LG8	transcription factor PIF3-like	not DE	not DE	not DE	not DE
EVM0012932	LG8	transcription factor PIF3-like	not DE	not DE	not DE	not DE
EVM0005670	LG8	transcription factor RAX1	not DE	not DE	not DE	not DE
EVM0015593	LG8	transcription factor RAX1	not DE	not DE	not DE	not DE
EVM0016670	LG8	transcription factor TCP20-like	not DE	not DE	not DE	not DE
EVM0016289	LG8	transcription factor bHLH111	not DE	not DE	not DE	not DE
EVM0022366	LG8	transcription factor bHLH130	not DE	not DE	not DE	not DE
EVM0002288	LG8	transcription factor bHLH49	not DE	not DE	not DE	not DE
EVM0012417	LG8	transcription factor bHLH90	not DE	not DE	not DE	not DE
EVM0001744	LG8	transcription initiation factor	not DE	not DE	not DE	not DE
EVM0023819	LG8	transcription repressor MYB4	-1.65216	0.023231	not DE	not DE
EVM0022040	LG8	triose phosphate/phosphate transporter	not DE	not DE	not DE	not DE
EVM0005767	LG8	tubulin-folding cofactor E-1	-1.22384	0.018516	not DE	not DE
EVM0013238	LG8	two-component response regulator	1.012242	0.039808	not DE	not DE
EVM0007961	LG8	ubiquinone biosynthesis protein	not DE	not DE	not DE	not DE
EVM0002233	LG8	ubiquitin receptor RAD23c-like	not DE	not DE	not DE	not DE
EVM0009019	LG8	ubiquitin-40S ribosomal protein	not DE	not DE	not DE	not DE
EVM0018477	LG8	ubiquitin-like-specific protease	not DE	not DE	not DE	not DE
EVM0000833	LG8	uncharacterized PKHD-type hydrolase	-1.96086	8.39E-14	-1.2366	#####
EVM0011598	LG8	uncharacterized RING finger	not DE	not DE	not DE	not DE
EVM0022804	LG8	uncharacterized protein At1g	not DE	not DE	not DE	not DE
EVM0011928	LG8	uncharacterized protein At1g	not DE	not DE	not DE	not DE
EVM0005836	LG8	uncharacterized protein At3g	not DE	not DE	not DE	not DE
EVM0021770	LG8	uncharacterized protein At3g	not DE	not DE	not DE	not DE
EVM0021448	LG8	uncharacterized protein DDB1	not DE	not DE	not DE	not DE
EVM0009283	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001941	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011048	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018600	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011249	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006927	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019005	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE

EVM0006887	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009483	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006953	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010321	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008261	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023238	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010160	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013220	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016533	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021231	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011238	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015992	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020577	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009821	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009996	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007302	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001416	LG8	uncharacterized protein LOC1	not DE	not DE	-1.26423	0.00175
EVM0005855	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009117	LG8	uncharacterized protein LOC1	1.001128	0.032923	not DE	not DE
EVM0005847	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003699	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014274	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023197	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003223	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000168	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008876	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018802	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000323	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006191	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021160	LG8	uncharacterized protein LOC1	not DE	not DE	-1.12072	0.00423
EVM0009923	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012182	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023855	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015423	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005934	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006809	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004226	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007048	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023796	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015532	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016019	LG8	uncharacterized protein LOC1	not DE	not DE	1.062071	#####
EVM0010933	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021248	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004833	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001433	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016536	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013266	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002536	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012849	LG8	uncharacterized protein LOC1	not DE	not DE	-1.11514	0.00011
EVM0002213	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0020137	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003437	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023006	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014896	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE

EVM0013582	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015401	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010953	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001391	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021877	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001326	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022425	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011441	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008924	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021969	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001903	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003744	LG8	uncharacterized protein LOC1	not DE	not DE	1.033707	0.04771
EVM0008192	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009352	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006445	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008224	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006309	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024083	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023563	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015152	LG8	uncharacterized protein LOC1	1.755522	0.016322	not DE	not DE
EVM0003598	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010343	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013489	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004086	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006765	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010436	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024281	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018760	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013347	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005593	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008254	LG8	uncharacterized protein LOC1	-1.07227	0.006755	not DE	not DE
EVM0023947	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014264	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017170	LG8	uncharacterized protein LOC1	not DE	not DE	1.057668	0.00103
EVM0000078	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003085	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004486	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000579	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007850	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014381	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018947	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021228	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011657	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022064	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003913	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000410	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010440	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003899	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0004070	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022188	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022252	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001867	LG8	uncharacterized protein LOC1	not DE	not DE	2.894322	0.0061
EVM0002516	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010914	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE

EVM0004261	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023889	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018383	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013785	LG8	uncharacterized protein LOC1	3.280109	0.000342	not DE	not DE
EVM0013592	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003858	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012424	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011806	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014369	LG8	uncharacterized protein LOC1	not DE	not DE	1.400501	0.00128
EVM0012358	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011324	LG8	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016146	LG8	uracil-DNA glycosylase-like	not DE	not DE	not DE	not DE
EVM0001319	LG8	urease-like isoform X1	not DE	not DE	not DE	not DE
EVM0010527	LG8	uridine-cytidine kinase C-li	not DE	not DE	not DE	not DE
EVM0008697	LG8	vacuolar amino acid transport	not DE	not DE	not DE	not DE
EVM0007865	LG8	very-long-chain 3-oxoacyl-Co	not DE	not DE	not DE	not DE
EVM0010069	LG8	vesicle transport v-SNARE 12	not DE	not DE	not DE	not DE
EVM0014442	LG8	vesicle transport v-SNARE 12	not DE	not DE	not DE	not DE
EVM0014729	LG8	zinc finger A20 and AN1 doma	not DE	not DE	not DE	not DE
EVM0008992	LG8	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0015829	LG8	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0015683	LG8	zinc finger protein 6-like	not DE	not DE	not DE	not DE
EVM0019869	LG8	zinc finger protein 6-like	not DE	not DE	not DE	not DE
EVM0010051	LG8	zinc finger protein CONSTANS	not DE	not DE	-1.89394	0.0011
EVM0006900	LG8	zinc finger protein MAGPIE i	not DE	not DE	not DE	not DE
EVM0007997	LG8	zinc finger protein VAR3, ch	not DE	not DE	not DE	not DE
EVM0016206	LG8	zinc finger protein VAR3, ch	not DE	not DE	not DE	not DE
EVM0000844	LG8	zinc finger protein WIP2	not DE	not DE	not DE	not DE
EVM0011365	LG8	2-oxoglutarate and Fe(II)-dep	not DE	not DE	not DE	not DE
EVM0012892	LG8	2-oxoglutarate and Fe(II)-dep	not DE	not DE	not DE	not DE
EVM0012104	LG8	24-sterol C-methyltransferase	not DE	not DE	not DE	not DE
EVM0012847	LG8	3-ketoacyl-CoA reductase 1	not DE	not DE	not DE	not DE
EVM0010766	LG8	3-ketoacyl-CoA synthase 6	not DE	not DE	not DE	not DE
EVM0007113	LG8	50S ribosomal protein L23, pa	not DE	not DE	not DE	not DE
EVM0013909	LG8	50S ribosomal protein L32pA	not DE	not DE	not DE	not DE
EVM0014476	LG8	50S ribosomal protein L32pA	not DE	not DE	not DE	not DE
EVM0020829	LG8	51 kDa subunit of complex I	not DE	not DE	not DE	not DE
EVM0014141	LG8	6-phosphogluconate dehydrogen	not DE	not DE	not DE	not DE
EVM0007497	LG8	APETALA 1-1	not DE	not DE	not DE	not DE
EVM0006946	LG8	ATP binding protein, putative	not DE	not DE	not DE	not DE
EVM0020958	LG8	ATP binding protein, putative	not DE	not DE	not DE	not DE
EVM0024220	LG8	ATP binding protein, putative	not DE	not DE	not DE	not DE
EVM0023992	LG8	ATP citrate lyase b-subunit f	not DE	not DE	not DE	not DE
EVM0003900	LG8	ATP synthase beta subunit, pa	not DE	not DE	not DE	not DE
EVM0011175	LG8	ATP/ADP carrier protein, part	not DE	not DE	not DE	not DE
EVM0012821	LG8	ATP/ADP carrier protein, part	not DE	not DE	not DE	not DE
EVM0022195	LG8	Actin cross-linking protein,	not DE	not DE	not DE	not DE
EVM0021944	LG8	Actin-related protein 7 isof	not DE	not DE	not DE	not DE
EVM0004332	LG8	Ankyrin repeat family protein	not DE	not DE	not DE	not DE
EVM0012008	LG8	Ankyrin repeat family protein	not DE	not DE	not DE	not DE
EVM0014223	LG8	Annexin-like protein RJ4 isof	not DE	not DE	not DE	not DE
EVM0015449	LG8	Anthranilate synthase beta su	not DE	not DE	not DE	not DE
EVM0003997	LG8	Appr-1-p processing enzyme fa	not DE	not DE	not DE	not DE
EVM0021700	LG8	Argonaute family protein	not DE	not DE	not DE	not DE

EVM0002810	LG8	Aspartic proteinase nepenthes	not DE	not DE	not DE	not DE
EVM0016369	LG8	Aspartic proteinase nepenthes	not DE	not DE	not DE	not DE
EVM0012691	LG8	BED zinc finger, HAT family di	not DE	not DE	not DE	not DE
EVM0011463	LG8	BZIP transcription factor fam	not DE	not DE	not DE	not DE
EVM0023955	LG8	BnaA06g19350D	-2.58792	0.005469	not DE	not DE
EVM0008935	LG8	BnaC07g22450D	not DE	not DE	not DE	not DE
EVM0006278	LG8	CCCH-type zinc finger protein	-1.34574	0.026901	-1.65839	#####
EVM0011425	LG8	CHASE domain containing histi	not DE	not DE	not DE	not DE
EVM0007703	LG8	CONSTANS-LIKE 10	1.937981	0.029295	not DE	not DE
EVM0023649	LG8	CTL-like protein	not DE	not DE	not DE	not DE
EVM0016009	LG8	Ca4CL6	not DE	not DE	not DE	not DE
EVM0024566	LG8	Caffeic acid 3-O-methyltransf	not DE	not DE	not DE	not DE
EVM0006697	LG8	Calcium-dependent lipid-bindin	not DE	not DE	1.217897	0.03698
EVM0011832	LG8	Clavata3/esr-related 43, puta	not DE	not DE	not DE	not DE
EVM0012631	LG8	Cleavage and polyadenylation	not DE	not DE	not DE	not DE
EVM0012473	LG8	Cyclophilin-like peptidyl-pro	not DE	not DE	not DE	not DE
EVM0014753	LG8	Cysteine proteinases superfam	not DE	not DE	not DE	not DE
EVM0020393	LG8	Cysteine-rich repeat secretor	not DE	not DE	not DE	not DE
EVM0011676	LG8	Cytochrome P450 protein	not DE	not DE	not DE	not DE
EVM0021338	LG8	Cytochrome P450 protein	not DE	not DE	not DE	not DE
EVM0005866	LG8	Cytochrome P450, family 86, s	not DE	not DE	not DE	not DE
EVM0011052	LG8	DEAD/DEAH box RNA helicase fa	not DE	not DE	not DE	not DE
EVM0022172	LG8	DNA-binding storekeeper prote	not DE	not DE	not DE	not DE
EVM0001884	LG8	DNA-damage-inducible protein	not DE	not DE	not DE	not DE
EVM0015515	LG8	DNAJ heat shock family protei	not DE	not DE	not DE	not DE
EVM0024151	LG8	DORNROSCHEN-like, putative	not DE	not DE	not DE	not DE
EVM0008750	LG8	Disease resistance family pro	not DE	not DE	not DE	not DE
EVM0017949	LG8	Disease resistance family pro	not DE	not DE	not DE	not DE
EVM0023152	LG8	EXS (ERD1/XPR1/SYG1) family p	not DE	not DE	not DE	not DE
EVM0006759	LG8	Early-responsive to dehydrati	not DE	not DE	not DE	not DE
EVM0007861	LG8	Early-responsive to dehydrati	not DE	not DE	not DE	not DE
EVM0014309	LG8	Encodes a protein whose expres	not DE	not DE	not DE	not DE
EVM0015975	LG8	Endonuclease 2, 2 isoform 1	not DE	not DE	not DE	not DE
EVM0005354	LG8	Expansin-A8 -like protein	not DE	not DE	not DE	not DE
EVM0018565	LG8	F-box family protein	not DE	not DE	not DE	not DE
EVM0019032	LG8	F-box/RNI-like superfamily pr	not DE	not DE	not DE	not DE
EVM0004058	LG8	FKBP-type peptidyl-prolyl cis	not DE	not DE	not DE	not DE
EVM0018533	LG8	Flavonol synthase/flavanone 3	not DE	not DE	not DE	not DE
EVM0015519	LG8	G patch domain-containing 8	not DE	not DE	not DE	not DE
EVM0014319	LG8	GDSL esterase/lipase	not DE	not DE	not DE	not DE
EVM0001025	LG8	Glutamate decarboxylase 4 iso	not DE	not DE	not DE	not DE
EVM0010314	LG8	Glycosyl hydrolase 9B1 isoform	not DE	not DE	not DE	not DE
EVM0012852	LG8	Glycosyl hydrolases family 32	not DE	not DE	not DE	not DE
EVM0009505	LG8	High affinity nitrate transpor	not DE	not DE	not DE	not DE
EVM0010237	LG8	Homeobox-leucine zipper prote	not DE	not DE	not DE	not DE
EVM0012437	LG8	Hydroxyproline-rich glycoprot	not DE	not DE	not DE	not DE
EVM0012134	LG8	Indeterminate (ID)-domain 5, p	not DE	not DE	not DE	not DE
EVM0014879	LG8	Integrase-type DNA-binding su	not DE	not DE	not DE	not DE
EVM0008083	LG8	KNOTTED1-like homeobox gene 6	not DE	not DE	not DE	not DE
EVM0008703	LG8	Kinase 2B isoform 1	not DE	not DE	not DE	not DE
EVM0015002	LG8	Kinase superfamily protein	not DE	not DE	not DE	not DE
EVM0011558	LG8	LRR and NB-ARC domains-contain	not DE	not DE	not DE	not DE
EVM0022031	LG8	LRR and NB-ARC domains-contain	not DE	not DE	not DE	not DE
EVM0012354	LG8	LRR receptor-like serine/thre	not DE	not DE	not DE	not DE

EVM0000064	LG8	MADS box transcription factor	not DE	not DE	not DE	not DE
EVM0023727	LG8	MADS-box protein AGL15	not DE	not DE	not DE	not DE
EVM0006004	LG8	MAP kinase kinase 7	not DE	not DE	not DE	not DE
EVM0001847	LG8	Major latex protein, putative	not DE	not DE	not DE	not DE
EVM0003720	LG8	Major latex protein, putative	not DE	not DE	not DE	not DE
EVM0003823	LG8	Major latex protein, putative	not DE	not DE	not DE	not DE
EVM0006231	LG8	Major latex protein, putative	not DE	not DE	not DE	not DE
EVM0008543	LG8	Major latex protein, putative	not DE	not DE	not DE	not DE
EVM0010382	LG8	Major latex protein, putative	not DE	not DE	not DE	not DE
EVM0017401	LG8	Major latex protein, putative	not DE	not DE	not DE	not DE
EVM0019565	LG8	Major latex protein, putative	not DE	not DE	not DE	not DE
EVM0006423	LG8	Mediator of RNA polymerase II	not DE	not DE	not DE	not DE
EVM0001832	LG8	Membrane lipoprotein, putative	3.822728	0.038347	not DE	not DE
EVM0007207	LG8	Metalloendoproteinase 1 precursor	not DE	not DE	not DE	not DE
EVM0003496	LG8	Mucin-related protein	not DE	not DE	not DE	not DE
EVM0003200	LG8	Myb domain protein 106, putative	not DE	not DE	not DE	not DE
EVM0009317	LG8	Myb domain protein 106, putative	not DE	not DE	not DE	not DE
EVM0019701	LG8	NAD(P)-binding Rossmann-fold	not DE	not DE	not DE	not DE
EVM0023111	LG8	NAD(P)-linked oxidoreductase	not DE	not DE	not DE	not DE
EVM0022274	LG8	NADH-ubiquinone oxidoreductase	not DE	not DE	not DE	not DE
EVM0020596	LG8	NdhE, partial (chloroplast)	-2.32172	0.000329	not DE	not DE
EVM0008985	LG8	Nitrate transporter 1.7, putative	not DE	not DE	not DE	not DE
EVM0010770	LG8	Nsp-interacting kinase 3 isoform	-1.3681	0.028718	not DE	not DE
EVM0022477	LG8	Nucleic acid-binding, OB-fold	not DE	not DE	not DE	not DE
EVM0015549	LG8	Nucleolin like 2 isoform 2	1.088254	0.000742	not DE	not DE
EVM0019999	LG8	Nudix hydrolase	not DE	not DE	not DE	not DE
EVM0016115	LG8	O-fucosyltransferase family protein	not DE	not DE	not DE	not DE
EVM0016529	LG8	OSBP(oxysterol binding protein)	not DE	not DE	not DE	not DE
EVM0013921	LG8	Octicosapeptide/Phox/Bemlp family	not DE	not DE	not DE	not DE
EVM0024155	LG8	P-loop containing nucleoside	not DE	not DE	not DE	not DE
EVM0022632	LG8	PLAC8 family protein, putative	not DE	not DE	not DE	not DE
EVM0024526	LG8	PLATZ transcription factor family	not DE	not DE	not DE	not DE
EVM0016509	LG8	Pantothenate kinase 2	not DE	not DE	not DE	not DE
EVM0013528	LG8	Pectate lyase family protein, putative	not DE	not DE	not DE	not DE
EVM0017049	LG8	Pentatricopeptide repeat (PPR)	1.634909	1.55E-06	not DE	not DE
EVM0022496	LG8	Pentatricopeptide repeat superfamily	not DE	not DE	not DE	not DE
EVM0007802	LG8	Peptidoglycan-binding LysM domain	not DE	not DE	not DE	not DE
EVM0005525	LG8	Peptidyl-prolyl cis-trans isomerase	not DE	not DE	not DE	not DE
EVM0000981	LG8	Phosphate transporter PHO1-like	not DE	not DE	not DE	not DE
EVM0011188	LG8	Phosphatidyl serine synthase	not DE	not DE	not DE	not DE
EVM0000738	LG8	Phosphoenolpyruvate carboxylase	not DE	not DE	not DE	not DE
EVM0021919	LG8	Pollen Ole e 1 allergen and related	not DE	not DE	not DE	not DE
EVM0005473	LG8	Protein FAM69A	not DE	not DE	not DE	not DE
EVM0015687	LG8	Protein PPLZ12, putative	not DE	not DE	not DE	not DE
EVM0021654	LG8	PsbQ-like 2	not DE	not DE	not DE	not DE
EVM0021443	LG8	Purple acid phosphatase 17	not DE	not DE	not DE	not DE
EVM0016431	LG8	Purple acid phosphatase 27 isoform	not DE	not DE	not DE	not DE
EVM0023210	LG8	Purple acid phosphatase 3 isoform	not DE	not DE	not DE	not DE
EVM0010232	LG8	Pyruvate dehydrogenase complex	not DE	not DE	not DE	not DE
EVM0012681	LG8	RING finger protein, putative	not DE	not DE	not DE	not DE
EVM0015803	LG8	RING/U-box superfamily protein	not DE	not DE	not DE	not DE
EVM0019744	LG8	RING/U-box superfamily protein	not DE	not DE	not DE	not DE
EVM0013249	LG8	RNA polymerases N / 8 kDa subunit	not DE	not DE	1.82584	0.00029
EVM0019831	LG8	RNA-binding CRS1 / YhbY (CRM)	not DE	not DE	not DE	not DE

EVM0015161	LG8	RNA/RNP complex-1-interacting	not DE	not DE	not DE	not DE
EVM0004666	LG8	Ran BP2/NZF zinc finger-like	not DE	not DE	not DE	not DE
EVM0015816	LG8	Ran BP2/NZF zinc finger-like	not DE	not DE	not DE	not DE
EVM0023019	LG8	Remorin family protein	not DE	not DE	not DE	not DE
EVM0002104	LG8	Ribosomal protein L12/ ATP-de	not DE	not DE	not DE	not DE
EVM0017818	LG8	Rubisco methyltransferase fam	not DE	not DE	not DE	not DE
EVM0023265	LG8	Rubisco methyltransferase fam	not DE	not DE	not DE	not DE
EVM0014677	LG8	S-locus lectin protein kinase	not DE	not DE	not DE	not DE
EVM0017765	LG8	SCP1-like small phosphatase 5	1.104562	0.027643	not DE	not DE
EVM0009669	LG8	Son of sevenless	not DE	not DE	not DE	not DE
EVM0010809	LG8	TATA-box-binding	not DE	not DE	not DE	not DE
EVM0006657	LG8	TCP family transcription fact	not DE	not DE	not DE	not DE
EVM0012032	LG8	TCP-1/cpn60 chaperonin family	not DE	not DE	not DE	not DE
EVM0019465	LG8	Thylakoid lumenal 19 kDa prot	not DE	not DE	not DE	not DE
EVM0018510	LG8	Transcription factor bHLH30	not DE	not DE	not DE	not DE
EVM0001897	LG8	Transcription factor protein	not DE	not DE	not DE	not DE
EVM0013864	LG8	Transmembrane Fragile-X-F-ass	not DE	not DE	not DE	not DE
EVM0021040	LG8	UDP-3-O-acyl N-acetylglycosam	not DE	not DE	not DE	not DE
EVM0007950	LG8	UDP-galactose transporter 3 i	-2.3142	0.002298	-1.66266	0.00948
EVM0006756	LG8	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0002466	LG8	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0015566	LG8	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0020327	LG8	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0007604	LG8	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0018235	LG8	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0001552	LG8	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0017092	LG8	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0008813	LG8	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0022656	LG8	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0009013	LG8	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0009894	LG8	Uncharacterized protein TCM_C	not DE	not DE	2.110372	0.00067
EVM0001214	LG8	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0006640	LG8	Uncharacterized protein isofc	not DE	not DE	not DE	not DE
EVM0006879	LG8	Uncharacterized protein isofc	not DE	not DE	not DE	not DE
EVM0009567	LG8	Uncharacterized protein isofc	not DE	not DE	not DE	not DE
EVM0024286	LG8	Uncharacterized protein isofc	not DE	not DE	not DE	not DE
EVM0017404	LG8	WIN1-like protein, putative	not DE	not DE	not DE	not DE
EVM0004255	LG8	WRKY DNA-binding protein 57 i	not DE	not DE	not DE	not DE
EVM0020089	LG8	WRKY transcription factor 2-4	1.247018	0.017596	not DE	not DE
EVM0009211	LG8	Yorkie	not DE	not DE	not DE	not DE
EVM0000110	LG8	Zinc finger protein	not DE	not DE	not DE	not DE
EVM0000443	LG8	Zinc finger-like protein	not DE	not DE	not DE	not DE
EVM0024325	LG8	[Protein-PII] uridylyltransfe	not DE	not DE	not DE	not DE
EVM0015463	LG8	alcohol dehydrogenase family	not DE	not DE	not DE	not DE
EVM0005569	LG8	aspartyl protease family prot	not DE	not DE	not DE	not DE
EVM0020667	LG8	auxin:hydrogen symporter, put	not DE	not DE	not DE	not DE
EVM0009907	LG8	bZIP family protein	not DE	not DE	not DE	not DE
EVM0018163	LG8	beta-glucosidase	not DE	not DE	not DE	not DE
EVM0024450	LG8	beta-ketoacyl-ACP reductase	not DE	not DE	not DE	not DE
EVM0020200	LG8	carboxy-lyase, putative	not DE	not DE	not DE	not DE
EVM0012927	LG8	chloroplast iron superoxide d	not DE	not DE	not DE	not DE
EVM0006530	LG8	cinnamyl-alcohol dehydrogenas	not DE	not DE	not DE	not DE
EVM0002841	LG8	circadian clock-associated FK	4.067137	0.000145	not DE	not DE
EVM0004744	LG8	clathrin assembly family prot	not DE	not DE	not DE	not DE

EVM0017017	LG8	clavata3/esr-related 12 famil	not DE	not DE	not DE	not DE
EVM0003974	LG8	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0005107	LG8	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0006475	LG8	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0009014	LG8	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0012544	LG8	conserved hypothetical protei	not DE	not DE	1.721768	0.00415
EVM0015639	LG8	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0017219	LG8	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0024587	LG8	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0011415	LG8	cytochrome f (chloroplast)	-1.69196	0.019382	not DE	not DE
EVM0023514	LG8	defender against cell death,	not DE	not DE	not DE	not DE
EVM0019339	LG8	defensin protein 1	not DE	not DE	not DE	not DE
EVM0013450	LG8	enone oxidoreductase	not DE	not DE	not DE	not DE
EVM0015799	LG8	flowering locus C	not DE	not DE	not DE	not DE
EVM0014701	LG8	glyceraldehyde-3-phosphate de	not DE	not DE	not DE	not DE
EVM0015405	LG8	glycerol-3-phosphate dehydrog	not DE	not DE	not DE	not DE
EVM0006815	LG8	hypothetical protein	not DE	not DE	not DE	not DE
EVM0000568	LG8	hypothetical protein AMTR_s03	not DE	not DE	not DE	not DE
EVM0014976	LG8	hypothetical protein AMTR_s05	not DE	not DE	not DE	not DE
EVM0002014	LG8	hypothetical protein ARALYDRA	not DE	not DE	not DE	not DE
EVM0016460	LG8	hypothetical protein CARUB_vl	not DE	not DE	not DE	not DE
EVM0000401	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0012628	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0017664	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0012228	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0017085	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0016835	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0000362	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0013048	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0000224	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0018045	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0021968	LG8	hypothetical protein CICLE_vl	not DE	not DE	-1.62745	#####
EVM0020448	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0014760	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0018177	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0021976	LG8	hypothetical protein CICLE_vl	1.286402	0.005749	not DE	not DE
EVM0007930	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0011723	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0008481	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0021272	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0000835	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0019444	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0008426	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0012260	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0023716	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0007258	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0023870	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0008659	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0014336	LG8	hypothetical protein CICLE_vl	1.095529	0.000928	not DE	not DE
EVM0002899	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0013371	LG8	hypothetical protein CICLE_vl	not DE	not DE	-1.83026	0.01685
EVM0016724	LG8	hypothetical protein CICLE_vl	not DE	not DE	1.786344	0.02998
EVM0003867	LG8	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0014285	LG8	hypothetical protein CICLE_vl	-2.8716	3.17E-05	not DE	not DE



EVM0019473	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004857	LG8	hypothetical protein CICLE_v1	-1.42649	0.018727	not DE	not DE
EVM0011711	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011518	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008650	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009410	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005205	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001155	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000438	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019033	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020888	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000957	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021839	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001594	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002773	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009656	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009904	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010658	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013868	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019098	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024386	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024611	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022042	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000345	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015672	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001940	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011491	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012831	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024128	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005973	LG8	hypothetical protein CICLE_v1	1.066313	0.000952	not DE	not DE
EVM0019714	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004568	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024178	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020755	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018469	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010904	LG8	hypothetical protein CICLE_v1	-1.50809	0.0489	not DE	not DE
EVM0013417	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020929	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021629	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022811	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008408	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019157	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018505	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021892	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008448	LG8	hypothetical protein CICLE_v1	-2.25465	0.00876	not DE	not DE
EVM0005454	LG8	hypothetical protein CICLE_v1	1.795949	0.049534	not DE	not DE
EVM0020768	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023719	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005649	LG8	hypothetical protein CICLE_v1	1.3408	0.020147	1.462891	0.00269
EVM0002117	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010549	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011671	LG8	hypothetical protein CICLE_v1	not DE	not DE	1.899447	#####
EVM0006862	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011367	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0006316	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003999	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021962	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022465	LG8	hypothetical protein CICLE_v1	not DE	not DE	2.377936	0.00573
EVM0018556	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021861	LG8	hypothetical protein CICLE_v1	not DE	not DE	2.325693	0.00369
EVM0019504	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018730	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000558	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005511	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018774	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007619	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020022	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002604	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004600	LG8	hypothetical protein CICLE_v1	2.911318	1.06E-05	not DE	not DE
EVM0006669	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024313	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003500	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023358	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012861	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009333	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018673	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004429	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012024	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023439	LG8	hypothetical protein CICLE_v1	not DE	not DE	-1.00335	0.03109
EVM0019683	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023880	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023737	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011246	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002294	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023572	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018896	LG8	hypothetical protein CICLE_v1	1.142588	0.044589	not DE	not DE
EVM0002759	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013253	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018148	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018822	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019009	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016516	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014251	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017146	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017452	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004466	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013823	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009340	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012147	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006385	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018489	LG8	hypothetical protein CICLE_v1	3.114669	0.001529	not DE	not DE
EVM0001592	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004890	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018778	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013189	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019416	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004239	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006015	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0012363	LG8	hypothetical protein CICLE_v1	-1.94102	0.006306	not DE	not DE
EVM0012787	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021196	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015307	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023548	LG8	hypothetical protein CICLE_v1	2.181034	0.002909	not DE	not DE
EVM0003355	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008716	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000164	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020853	LG8	hypothetical protein CICLE_v1	not DE	not DE	-1.13014	#####
EVM0011508	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014882	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009219	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014370	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014910	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002453	LG8	hypothetical protein CICLE_v1	not DE	not DE	-1.44172	0.00271
EVM0010817	LG8	hypothetical protein CICLE_v1	-1.653	0.002663	not DE	not DE
EVM0023015	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012505	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010348	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021807	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006366	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010158	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022350	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000617	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002517	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016926	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022153	LG8	hypothetical protein CICLE_v1	-2.33159	0.022527	not DE	not DE
EVM0022937	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024082	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024169	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006581	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014189	LG8	hypothetical protein CICLE_v1	2.065854	0.003881	not DE	not DE
EVM0023109	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020740	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010781	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019903	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009903	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005664	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013689	LG8	hypothetical protein CICLE_v1	-1.90535	0.00033	not DE	not DE
EVM0017732	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016925	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006636	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006352	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004875	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019105	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003779	LG8	hypothetical protein CICLE_v1	3.827504	2.42E-05	not DE	not DE
EVM0012752	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008905	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004105	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007459	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011774	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008505	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000349	LG8	hypothetical protein CICLE_v1	-1.45373	0.00358	not DE	not DE
EVM0024441	LG8	hypothetical protein CICLE_v1	not DE	not DE	-1.80819	0.00067

EVM0009388	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003711	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021425	LG8	hypothetical protein CICLE_v1	-1.6576	3.75E-13	not DE	not DE
EVM0022072	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020359	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009514	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011825	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023772	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002314	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006935	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009089	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021979	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010327	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020294	LG8	hypothetical protein CICLE_v1	not DE	not DE	1.599176	0.04192
EVM0011094	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005333	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013254	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003847	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011769	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015513	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003627	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013902	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014352	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022947	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014684	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015592	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022705	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003803	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015186	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017841	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021846	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002125	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008383	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005439	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013041	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006408	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004561	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018999	LG8	hypothetical protein CICLE_v1	-2.79422	0.000348	not DE	not DE
EVM0007839	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000036	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000041	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003743	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018464	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020466	LG8	hypothetical protein CICLE_v1	2.083178	0.016177	not DE	not DE
EVM0003108	LG8	hypothetical protein CICLE_v1	-5.08961	0.005754	not DE	not DE
EVM0022502	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012938	LG8	hypothetical protein CICLE_v1	-1.52682	0.000915	not DE	not DE
EVM0017239	LG8	hypothetical protein CICLE_v1	2.994645	0.000215	not DE	not DE
EVM0010358	LG8	hypothetical protein CICLE_v1	-3.29979	3.45E-05	-1.98777	#####
EVM0023887	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004089	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010649	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015545	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001503	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0010740	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000595	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023614	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001446	LG8	hypothetical protein CICLE_v1	not DE	not DE	-1.44553	#####
EVM0014037	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012822	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014412	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019297	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021251	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010243	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002718	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017879	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019685	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015792	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023640	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011735	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017042	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010349	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021168	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010818	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005199	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024106	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008622	LG8	hypothetical protein CICLE_v1	-1.27374	0.004684	not DE	not DE
EVM0018967	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021280	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011730	LG8	hypothetical protein CICLE_v1	1.725425	0.014569	not DE	not DE
EVM0014593	LG8	hypothetical protein CICLE_v1	1.37372	0.015487	not DE	not DE
EVM0020618	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014903	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010879	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007730	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004389	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002934	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018400	LG8	hypothetical protein CICLE_v1	3.689251	0.032928	not DE	not DE
EVM0015510	LG8	hypothetical protein CICLE_v1	1.017879	0.000478	not DE	not DE
EVM0018085	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001374	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020433	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016882	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021465	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013052	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011382	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002981	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002196	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006846	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011845	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010746	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023185	LG8	hypothetical protein CICLE_v1	1.257608	0.000615	not DE	not DE
EVM0006387	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017165	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015522	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011180	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023591	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009730	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0010582	LG8	hypothetical protein CICLE_v1	-3.66543	0.000363	-2.15006	#####
EVM0008644	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018693	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003472	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020716	LG8	hypothetical protein CICLE_v1	-1.12991	0.027761	not DE	not DE
EVM0013406	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019274	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007668	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012642	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021191	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005723	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024372	LG8	hypothetical protein CICLE_v1	not DE	not DE	1.089569	0.00457
EVM0018321	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020488	LG8	hypothetical protein CICLE_v1	not DE	not DE	1.694534	#####
EVM0023960	LG8	hypothetical protein CICLE_v1	-1.72732	0.002925	not DE	not DE
EVM0023862	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002197	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013028	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007398	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015652	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008442	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010608	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002312	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005060	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020031	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018135	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008003	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017274	LG8	hypothetical protein CICLE_v1	not DE	not DE	1.252064	0.00065
EVM0000711	LG8	hypothetical protein CICLE_v1	not DE	not DE	1.709724	0.02123
EVM0001667	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022164	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004700	LG8	hypothetical protein CICLE_v1	1.125446	0.000152	1.174789	#####
EVM0018297	LG8	hypothetical protein CICLE_v1	not DE	not DE	1.35342	#####
EVM0024405	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022471	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009724	LG8	hypothetical protein CICLE_v1	not DE	not DE	1.457064	0.00103
EVM0005680	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012365	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013710	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016312	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023574	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011846	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016620	LG8	hypothetical protein CICLE_v1	not DE	not DE	1.798245	#####
EVM0023192	LG8	hypothetical protein CICLE_v1	2.592657	0.002438	not DE	not DE
EVM0013794	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013884	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019721	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021669	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009785	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009534	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011865	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006850	LG8	hypothetical protein CICLE_v1	2.340711	0.000495	not DE	not DE
EVM0003378	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019694	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0009316	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019316	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001820	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009183	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012871	LG8	hypothetical protein CICLE_v1	not DE	not DE	2.804143	#####
EVM0004286	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014471	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005957	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019672	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019335	LG8	hypothetical protein CICLE_v1	not DE	not DE	1.047566	0.02301
EVM0008594	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000958	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007094	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023632	LG8	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016603	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016135	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012953	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001202	LG8	hypothetical protein CISIN_1g	not DE	not DE	-1.16887	0.00021
EVM0020093	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000722	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021069	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010799	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018839	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023544	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017231	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020521	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013548	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020841	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009957	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015263	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003704	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009243	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002557	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011710	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015436	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022611	LG8	hypothetical protein CISIN_1g	not DE	not DE	-2.22287	#####
EVM0005775	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008221	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002900	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008093	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005111	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019605	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004990	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022754	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023535	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009358	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022130	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014902	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000777	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009468	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014367	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001574	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024605	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007849	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0009627	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022468	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003288	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009881	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022135	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014959	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001287	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007304	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021128	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004034	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012308	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021689	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004485	LG8	hypothetical protein CISIN_1g	not DE	not DE	-6.86889	#####
EVM0019282	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014298	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007985	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022226	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003474	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020178	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002805	LG8	hypothetical protein CISIN_1g	1.059957	0.045723	not DE	not DE
EVM0016352	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004753	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005311	LG8	hypothetical protein CISIN_1g	-2.22559	0.00319	not DE	not DE
EVM0001809	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017420	LG8	hypothetical protein CISIN_1g	6.305086	0.000119	not DE	not DE
EVM0021817	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024334	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015068	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005381	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016262	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010072	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005498	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000230	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012582	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020546	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010459	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013106	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017750	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014598	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007970	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008798	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020369	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012675	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024329	LG8	hypothetical protein CISIN_1g	1.489454	0.025336	1.540228	0.01978
EVM0024339	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010637	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005635	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012092	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018696	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020007	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022903	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006964	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001844	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018280	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE



EVM0007641	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008971	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010009	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007450	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013062	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019343	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001982	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001491	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011944	LG8	hypothetical protein CISIN_1g	1.04234	0.003073	not DE	not DE
EVM0014920	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002871	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016821	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022013	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021116	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009062	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008089	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013501	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016735	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005826	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008096	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003883	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009749	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010755	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011870	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023303	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000188	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016215	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018835	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007748	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023198	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009451	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020908	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012590	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004913	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006582	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021548	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023576	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020170	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011477	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006099	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013836	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002945	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011280	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012047	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019124	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016175	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006743	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003519	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018718	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003989	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005236	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018974	LG8	hypothetical protein CISIN_1g	not DE	not DE	1.068185	0.0031
EVM0006843	LG8	hypothetical protein CISIN_1g	not DE	not DE	1.015186	0.02363
EVM0009256	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0007305	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012144	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019742	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005564	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015341	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006586	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008379	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009090	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020615	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000113	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020066	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007640	LG8	hypothetical protein CISIN_1g	2.287315	0.004719	not DE	not DE
EVM0023875	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015426	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001463	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023459	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024462	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004846	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023264	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007616	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010584	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007377	LG8	hypothetical protein CISIN_1g	not DE	not DE	2.171594	0.00133
EVM0019782	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010247	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002798	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017539	LG8	hypothetical protein CISIN_1g	2.677736	0.043102	not DE	not DE
EVM0022327	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021162	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018541	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004693	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021050	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009309	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023180	LG8	hypothetical protein CISIN_1g	1.63733	0.002461	1.554857	0.01698
EVM0003515	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017488	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018061	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019755	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013017	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009654	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003509	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004605	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006168	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022196	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000264	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015885	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009103	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013421	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005968	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024144	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013491	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006673	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018103	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023659	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015197	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0015781	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014363	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021823	LG8	hypothetical protein CISIN_1g	not DE	not DE	1.011563	0.00517
EVM0006199	LG8	hypothetical protein CISIN_1g	-1.54063	3.96E-07	not DE	not DE
EVM0007409	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020392	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014697	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016827	LG8	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020519	LG8	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0007328	LG8	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0008128	LG8	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0011538	LG8	hypothetical protein EUGRSUZ_	not DE	not DE	1.06459	0.03473
EVM0013597	LG8	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0018254	LG8	hypothetical protein EUGRSUZ_	not DE	not DE	2.893575	0.03995
EVM0022461	LG8	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0024017	LG8	hypothetical protein EUGRSUZ_	not DE	not DE	1.81622	0.02248
EVM0015589	LG8	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0017659	LG8	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0017336	LG8	hypothetical protein EUTSA_v1	not DE	not DE	not DE	not DE
EVM0000529	LG8	hypothetical protein F383_229	not DE	not DE	not DE	not DE
EVM0015019	LG8	hypothetical protein F383_309	not DE	not DE	not DE	not DE
EVM0007253	LG8	hypothetical protein JCGZ_018	not DE	not DE	not DE	not DE
EVM0010402	LG8	hypothetical protein JCGZ_018	not DE	not DE	-1.02879	0.00356
EVM0014689	LG8	hypothetical protein JCGZ_030	not DE	not DE	not DE	not DE
EVM0004748	LG8	hypothetical protein JCGZ_046	not DE	not DE	not DE	not DE
EVM0002328	LG8	hypothetical protein JCGZ_047	not DE	not DE	not DE	not DE
EVM0022822	LG8	hypothetical protein JCGZ_047	-1.3638	0.008549	not DE	not DE
EVM0016072	LG8	hypothetical protein JCGZ_047	not DE	not DE	not DE	not DE
EVM0001855	LG8	hypothetical protein JCGZ_048	not DE	not DE	not DE	not DE
EVM0007789	LG8	hypothetical protein JCGZ_048	not DE	not DE	not DE	not DE
EVM0001906	LG8	hypothetical protein JCGZ_052	2.241055	0.006862	not DE	not DE
EVM0002633	LG8	hypothetical protein JCGZ_052	not DE	not DE	not DE	not DE
EVM0010694	LG8	hypothetical protein JCGZ_052	not DE	not DE	not DE	not DE
EVM0012434	LG8	hypothetical protein JCGZ_092	not DE	not DE	-1.31008	#####
EVM0022047	LG8	hypothetical protein JCGZ_092	not DE	not DE	not DE	not DE
EVM0012094	LG8	hypothetical protein JCGZ_092	not DE	not DE	not DE	not DE
EVM0013100	LG8	hypothetical protein JCGZ_093	not DE	not DE	not DE	not DE
EVM0002777	LG8	hypothetical protein JCGZ_107	not DE	not DE	not DE	not DE
EVM0006904	LG8	hypothetical protein JCGZ_121	not DE	not DE	not DE	not DE
EVM0011790	LG8	hypothetical protein JCGZ_145	not DE	not DE	not DE	not DE
EVM0007734	LG8	hypothetical protein JCGZ_156	not DE	not DE	not DE	not DE
EVM0010661	LG8	hypothetical protein JCGZ_156	not DE	not DE	not DE	not DE
EVM0005534	LG8	hypothetical protein JCGZ_156	not DE	not DE	not DE	not DE
EVM0019446	LG8	hypothetical protein JCGZ_157	not DE	not DE	not DE	not DE
EVM0015840	LG8	hypothetical protein JCGZ_167	not DE	not DE	not DE	not DE
EVM0002073	LG8	hypothetical protein JCGZ_167	not DE	not DE	not DE	not DE
EVM0014245	LG8	hypothetical protein JCGZ_167	not DE	not DE	1.510132	#####
EVM0005289	LG8	hypothetical protein JCGZ_168	not DE	not DE	not DE	not DE
EVM0011903	LG8	hypothetical protein JCGZ_177	not DE	not DE	not DE	not DE
EVM0010347	LG8	hypothetical protein JCGZ_178	not DE	not DE	not DE	not DE
EVM0022887	LG8	hypothetical protein JCGZ_178	not DE	not DE	not DE	not DE
EVM0002284	LG8	hypothetical protein JCGZ_179	not DE	not DE	not DE	not DE
EVM0009359	LG8	hypothetical protein JCGZ_179	not DE	not DE	not DE	not DE
EVM0016627	LG8	hypothetical protein JCGZ_179	not DE	not DE	not DE	not DE

EVM0024255	LG8	hypothetical protein JCGZ_179	not DE	not DE	not DE	not DE
EVM0006667	LG8	hypothetical protein JCGZ_182	not DE	not DE	not DE	not DE
EVM0000546	LG8	hypothetical protein JCGZ_182	-3.00515	0.000343	not DE	not DE
EVM0005911	LG8	hypothetical protein JCGZ_183	not DE	not DE	not DE	not DE
EVM0002365	LG8	hypothetical protein JCGZ_183	not DE	not DE	not DE	not DE
EVM0015778	LG8	hypothetical protein JCGZ_183	not DE	not DE	not DE	not DE
EVM0002962	LG8	hypothetical protein JCGZ_183	not DE	not DE	not DE	not DE
EVM0003432	LG8	hypothetical protein JCGZ_183	not DE	not DE	not DE	not DE
EVM0005164	LG8	hypothetical protein JCGZ_183	1.503254	0.045216	not DE	not DE
EVM0017717	LG8	hypothetical protein JCGZ_216	not DE	not DE	not DE	not DE
EVM0023431	LG8	hypothetical protein JCGZ_217	not DE	not DE	not DE	not DE
EVM0024496	LG8	hypothetical protein JCGZ_217	not DE	not DE	not DE	not DE
EVM0006018	LG8	hypothetical protein JCGZ_217	not DE	not DE	not DE	not DE
EVM0004199	LG8	hypothetical protein JCGZ_217	not DE	not DE	not DE	not DE
EVM0024259	LG8	hypothetical protein JCGZ_221	not DE	not DE	not DE	not DE
EVM0010044	LG8	hypothetical protein JCGZ_231	not DE	not DE	not DE	not DE
EVM0013217	LG8	hypothetical protein JCGZ_233	not DE	not DE	not DE	not DE
EVM0002736	LG8	hypothetical protein JCGZ_244	not DE	not DE	not DE	not DE
EVM0007975	LG8	hypothetical protein JCGZ_244	not DE	not DE	not DE	not DE
EVM0014308	LG8	hypothetical protein JCGZ_244	not DE	not DE	not DE	not DE
EVM0017551	LG8	hypothetical protein JCGZ_244	1.391198	0.024914	not DE	not DE
EVM0018883	LG8	hypothetical protein L484_013	not DE	not DE	not DE	not DE
EVM0001557	LG8	hypothetical protein L484_014	not DE	not DE	not DE	not DE
EVM0023700	LG8	hypothetical protein L484_027	not DE	not DE	not DE	not DE
EVM0022254	LG8	hypothetical protein L484_027	not DE	not DE	not DE	not DE
EVM0019868	LG8	hypothetical protein MIMGU_mg	1.474648	0.026012	1.428429	0.00016
EVM0014513	LG8	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0011535	LG8	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0016795	LG8	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0004354	LG8	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023153	LG8	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023406	LG8	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020733	LG8	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020880	LG8	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0017416	LG8	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010113	LG8	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0016630	LG8	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0009048	LG8	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0011200	LG8	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010507	LG8	hypothetical protein POPTR_00	-5.96277	0.00325	not DE	not DE
EVM0016679	LG8	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006035	LG8	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0022658	LG8	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0001827	LG8	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0018657	LG8	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0016898	LG8	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0021202	LG8	hypothetical protein POPTR_00	not DE	not DE	5.489793	0.00341
EVM0009431	LG8	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0024315	LG8	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006687	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0020949	LG8	hypothetical protein PRUPE_pp	1.768216	0.006282	not DE	not DE
EVM0009290	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0019932	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0014222	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE

EVM0007331	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0013713	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0005567	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0011037	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0006363	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0002074	LG8	hypothetical protein PRUPE_pp	1.637727	0.029312	not DE	not DE
EVM0017477	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0003620	LG8	hypothetical protein PRUPE_pp	-2.58053	0.043018	not DE	not DE
EVM0010643	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0013545	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0014840	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0000190	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0003843	LG8	hypothetical protein PRUPE_pp	not DE	not DE	2.149054	#####
EVM0006432	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0006767	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0008941	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0020507	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0019190	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0010851	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0011906	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0023528	LG8	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0024061	LG8	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0023631	LG8	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0012811	LG8	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0001201	LG8	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0000270	LG8	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0008587	LG8	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0001922	LG8	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0016866	LG8	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0006312	LG8	hypothetical protein VITISV_C	not DE	not DE	1.574681	0.00668
EVM0000241	LG8	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0003756	LG8	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0016383	LG8	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0005147	LG8	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0004661	LG8	kinase, putative	not DE	not DE	not DE	not DE
EVM0015502	LG8	leucine-rich repeat containin	not DE	not DE	not DE	not DE
EVM0006909	LG8	orf101b (mitochondrion)	not DE	not DE	not DE	not DE
EVM0021786	LG8	orf134 (mitochondrion)	not DE	not DE	not DE	not DE
EVM0021975	LG8	polyamine oxidase, putative	not DE	not DE	not DE	not DE
EVM0010017	LG8	predicted protein	not DE	not DE	not DE	not DE
EVM0003287	LG8	putative calcium-binding prot	not DE	not DE	not DE	not DE
EVM0015239	LG8	putative small nuclear ribonu	not DE	not DE	not DE	not DE
EVM0023826	LG8	receptor protein kinase, puta	not DE	not DE	not DE	not DE
EVM0022570	LG8	remorin-4 protein	not DE	not DE	not DE	not DE
EVM0001963	LG8	ribonuclease t2, putative	not DE	not DE	not DE	not DE
EVM0011219	LG8	ribonuclease t2, putative	not DE	not DE	not DE	not DE
EVM0019021	LG8	ribosomal protein L23 (chloro	not DE	not DE	not DE	not DE
EVM0007273	LG8	similar to the subtilase fami	not DE	not DE	not DE	not DE
EVM0020372	LG8	slx1	not DE	not DE	not DE	not DE
EVM0019601	LG8	sugar transporter, putative	not DE	not DE	not DE	not DE
EVM0007717	LG8	sur2 hydroxylase/desaturase,	not DE	not DE	not DE	not DE
EVM0022748	LG8	transcription factor, putativ	not DE	not DE	not DE	not DE
EVM0000173	LG8	translin-associated factor X	not DE	not DE	not DE	not DE
EVM0010404	LG8	ubiquitin-conjugating enzyme	not DE	not DE	not DE	not DE

EVM0000048	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0000807	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0001313	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0002815	LG8	unknown protein	not DE	not DE	1.902548	0.0042
EVM0002888	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0003267	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0003608	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0006107	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0007754	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0008301	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0008738	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0010104	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0010464	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0011439	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0013109	LG8	unknown protein	3.156393	8.64E-05	not DE	not DE
EVM0013203	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0017281	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0017368	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0018088	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0020664	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0022119	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0022181	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0024196	LG8	unknown protein	not DE	not DE	not DE	not DE
EVM0002419	LG8	unnamed protein product	4.106944	0.004857	not DE	not DE
EVM0002510	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0002781	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0003995	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0004948	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0005350	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0007272	LG8	unnamed protein product	not DE	not DE	2.193092	0.00559
EVM0008670	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0009307	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0013066	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0014329	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0014526	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0015662	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0016683	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0018350	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0018377	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0020418	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0020464	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0021727	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0022586	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0022969	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0023874	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0024044	LG8	unnamed protein product	not DE	not DE	not DE	not DE
EVM0001132	LG8	vacuolar protein sorting, put	not DE	not DE	not DE	not DE
EVM0005163	LG8	vacuolar protein sorting, put	not DE	not DE	not DE	not DE
EVM0014062	LG8	virion binding protein, putat	not DE	not DE	not DE	not DE
EVM0015241	LG9	(-)-germacrene D synthase-li	not DE	not DE	not DE	not DE
EVM0008032	LG9	(R)-mandelonitrile lyase-lik	not DE	not DE	not DE	not DE
EVM0018769	LG9	1-aminocyclopropane-1-carbox	not DE	not DE	not DE	not DE
EVM0012001	LG9	1-phosphatidylinositol-3-pho	not DE	not DE	not DE	not DE
EVM0000664	LG9	2-methylbutanal oxime monoox	not DE	not DE	not DE	not DE

EVM0005145	LG9	2-methylbutanal oxime monoox	not DE	not DE	not DE	not DE
EVM0016085	LG9	2-methylbutanal oxime monoox	not DE	not DE	not DE	not DE
EVM0020183	LG9	2-methylbutanal oxime monoox	not DE	not DE	not DE	not DE
EVM0012612	LG9	2-oxoglutarate-dependent dic	not DE	not DE	not DE	not DE
EVM0019576	LG9	26S protease regulatory subu	not DE	not DE	not DE	not DE
EVM0012669	LG9	3-epi-6-deoxocathasterone 23	not DE	not DE	not DE	not DE
EVM0005809	LG9	40S ribosomal protein S12-li	not DE	not DE	not DE	not DE
EVM0023594	LG9	54S ribosomal protein L39, m	not DE	not DE	not DE	not DE
EVM0015146	LG9	60S ribosomal protein L18a-l	not DE	not DE	not DE	not DE
EVM0000612	LG9	60S ribosomal protein L21-2-	not DE	not DE	not DE	not DE
EVM0010407	LG9	60S ribosomal protein L21-2-	not DE	not DE	not DE	not DE
EVM0016501	LG9	60S ribosomal protein L7-1-l	not DE	not DE	not DE	not DE
EVM0011527	LG9	ABC transporter C family mem	not DE	not DE	not DE	not DE
EVM0000779	LG9	ABC transporter C family mem	not DE	not DE	not DE	not DE
EVM0000269	LG9	AP2-like ethylene-responsive	not DE	not DE	not DE	not DE
EVM0016183	LG9	AP2-like ethylene-responsive	not DE	not DE	not DE	not DE
EVM0006237	LG9	ATP-dependent RNA helicase D	not DE	not DE	not DE	not DE
EVM0009786	LG9	ATPase 10, plasma membrane-t	not DE	not DE	not DE	not DE
EVM0010096	LG9	CBS domain-containing protei	not DE	not DE	not DE	not DE
EVM0013352	LG9	CBS domain-containing protei	not DE	not DE	not DE	not DE
EVM0023814	LG9	CBS domain-containing protei	not DE	not DE	not DE	not DE
EVM0014019	LG9	D-glycerate 3-kinase, chloro	not DE	not DE	not DE	not DE
EVM0024389	LG9	DEAD-box ATP-dependent RNA h	not DE	not DE	not DE	not DE
EVM0006724	LG9	DEAD-box ATP-dependent RNA h	not DE	not DE	not DE	not DE
EVM0007421	LG9	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0009085	LG9	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0019084	LG9	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0012003	LG9	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0008262	LG9	EG45-like domain containing	not DE	not DE	not DE	not DE
EVM0007560	LG9	EPIDERMAL PATTERNING FACTOR-	not DE	not DE	not DE	not DE
EVM0024348	LG9	EPIDERMAL PATTERNING FACTOR-	not DE	not DE	not DE	not DE
EVM0003577	LG9	F-box/LRR-repeat protein At4	not DE	not DE	not DE	not DE
EVM0022855	LG9	F-box/LRR-repeat protein At4	not DE	not DE	not DE	not DE
EVM0022893	LG9	F-box/LRR-repeat protein At4	not DE	not DE	not DE	not DE
EVM0019153	LG9	F-box/kelch-repeat protein A	not DE	not DE	not DE	not DE
EVM0016057	LG9	F-box/kelch-repeat protein A	not DE	not DE	-1.06409	0.00953
EVM0011105	LG9	FK506-binding protein 5-like	not DE	not DE	3.427148	0.00417
EVM0011853	LG9	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0018323	LG9	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0011206	LG9	GATA transcription factor 12	not DE	not DE	not DE	not DE
EVM0020311	LG9	GDSL esterase/lipase 5-like	not DE	not DE	not DE	not DE
EVM0022554	LG9	GDSL esterase/lipase 5-like	not DE	not DE	not DE	not DE
EVM0021729	LG9	GDSL esterase/lipase APG-lik	not DE	not DE	1.211317	#####
EVM0020620	LG9	L-ascorbate oxidase homolog	not DE	not DE	not DE	not DE
EVM0023218	LG9	L-type lectin-domain contain	not DE	not DE	not DE	not DE
EVM0013832	LG9	LOB domain-containing protei	not DE	not DE	not DE	not DE
EVM0002502	LG9	LOB domain-containing protei	not DE	not DE	not DE	not DE
EVM0020914	LG9	LOW QUALITY PROTEIN: SNF1-re	not DE	not DE	not DE	not DE
EVM0013752	LG9	LOW QUALITY PROTEIN: unchara	not DE	not DE	not DE	not DE
EVM0010447	LG9	MAR-binding filament-like pr	not DE	not DE	not DE	not DE
EVM0002969	LG9	MMS19 nucleotide excision re	not DE	not DE	not DE	not DE
EVM0002345	LG9	N-alpha-acetyltransferase 15	not DE	not DE	not DE	not DE
EVM0011244	LG9	NAD(P)H-quinone oxidoreducta	not DE	not DE	not DE	not DE
EVM0004868	LG9	NADP-specific glutamate dehy	not DE	not DE	not DE	not DE

EVM0015906	LG9	PHD finger protein ALFIN-LIK	not DE	not DE	not DE	not DE
EVM0011942	LG9	PRA1 family protein F3-like	not DE	not DE	not DE	not DE
EVM0011372	LG9	PTI1-like tyrosine-protein k	not DE	not DE	not DE	not DE
EVM0004771	LG9	RANBP2-like and GRIP domain-	not DE	not DE	not DE	not DE
EVM0004702	LG9	RNA pseudouridine synthase 3	not DE	not DE	not DE	not DE
EVM0004972	LG9	SKP1-like protein 1A	not DE	not DE	not DE	not DE
EVM0020283	LG9	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0003915	LG9	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0004001	LG9	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0001473	LG9	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0003259	LG9	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0021959	LG9	U2 small nuclear ribonucleop	not DE	not DE	not DE	not DE
EVM0003888	LG9	U2 small nuclear ribonucleop	not DE	not DE	not DE	not DE
EVM0006310	LG9	UDP-glycosyltransferase 85A2	not DE	not DE	not DE	not DE
EVM0009032	LG9	UDP-glycosyltransferase 85A2	not DE	not DE	not DE	not DE
EVM0013170	LG9	UDP-glycosyltransferase 85A2	not DE	not DE	not DE	not DE
EVM0019593	LG9	UDP-glycosyltransferase 85A2	not DE	not DE	not DE	not DE
EVM0024484	LG9	UDP-glycosyltransferase 85A2	not DE	not DE	4.141789	#####
EVM0017227	LG9	VHS domain-containing protei	not DE	not DE	not DE	not DE
EVM0001980	LG9	WD repeat-containing protein	1.220902	0.00108	not DE	not DE
EVM0022037	LG9	WD-40 repeat-containing prot	not DE	not DE	not DE	not DE
EVM0018736	LG9	Werner syndrome ATP-dependen	not DE	not DE	not DE	not DE
EVM0018494	LG9	abscisic acid receptor PYL2-	not DE	not DE	not DE	not DE
EVM0000530	LG9	agamous-like MADS-box protei	not DE	not DE	not DE	not DE
EVM0005902	LG9	agglutinin-like	not DE	not DE	not DE	not DE
EVM0008181	LG9	alanine aminotransferase 2,	1.081652	0.015443	not DE	not DE
EVM0022512	LG9	aminopeptidase M1-like isof	not DE	not DE	not DE	not DE
EVM0008532	LG9	ankyrin repeat-containing pr	not DE	not DE	not DE	not DE
EVM0015868	LG9	ankyrin repeat-containing pr	not DE	not DE	not DE	not DE
EVM0021121	LG9	ankyrin repeat-containing pr	not DE	not DE	not DE	not DE
EVM0012931	LG9	ankyrin repeat-containing pr	not DE	not DE	not DE	not DE
EVM0010924	LG9	ankyrin repeat-containing pr	not DE	not DE	not DE	not DE
EVM0009380	LG9	aspartate carbamoyltransfera	not DE	not DE	not DE	not DE
EVM0017121	LG9	aspartate carbamoyltransfera	not DE	not DE	not DE	not DE
EVM0022617	LG9	auxin-repressed 12.5 kDa pro	not DE	not DE	not DE	not DE
EVM0001834	LG9	beta-amyrin synthase-like	not DE	not DE	-2.61434	0.00059
EVM0008343	LG9	beta-amyrin synthase-like	not DE	not DE	not DE	not DE
EVM0013793	LG9	beta-amyrin synthase-like	not DE	not DE	not DE	not DE
EVM0024187	LG9	beta-fructofuranosidase, ins	not DE	not DE	not DE	not DE
EVM0022830	LG9	bifunctional protein Fold 2-	not DE	not DE	not DE	not DE
EVM0016760	LG9	boron transporter 4-like	not DE	not DE	2.537791	0.01565
EVM0016143	LG9	caffeoylshikimate esterase-l	not DE	not DE	not DE	not DE
EVM0007998	LG9	calcineurin B-like protein 9	not DE	not DE	not DE	not DE
EVM0000099	LG9	casein kinase I isoform delt	not DE	not DE	not DE	not DE
EVM0020892	LG9	casein kinase I isoform delt	not DE	not DE	-2.02493	#####
EVM0019156	LG9	cation/H(+) antiporter 15-li	not DE	not DE	2.60571	#####
EVM0007449	LG9	cation/calcium exchanger 4-l	not DE	not DE	not DE	not DE
EVM0018868	LG9	cation/calcium exchanger 4-l	not DE	not DE	not DE	not DE
EVM0023064	LG9	cationic peroxidase 1-like	not DE	not DE	not DE	not DE
EVM0011269	LG9	coatomer subunit zeta-2-like	not DE	not DE	not DE	not DE
EVM0013095	LG9	coatomer subunit zeta-2-like	not DE	not DE	not DE	not DE
EVM0023163	LG9	coatomer subunit zeta-2-like	not DE	not DE	not DE	not DE
EVM0015777	LG9	codeine O-demethylase-like	not DE	not DE	not DE	not DE
EVM0010964	LG9	coleoptile phototropism prot	not DE	not DE	not DE	not DE



EVM0014738	LG9	cytochrome P450 89A2-like	not DE	not DE	not DE	not DE
EVM0000206	LG9	cytochrome c oxidase assembl	not DE	not DE	not DE	not DE
EVM0014134	LG9	cytochrome c oxidase assembl	-1.1715	0.036295	not DE	not DE
EVM0017709	LG9	deSI-like protein At4gl7486	not DE	not DE	not DE	not DE
EVM0005279	LG9	dentin sialophosphoprotein-l	not DE	not DE	not DE	not DE
EVM0002583	LG9	disease resistance protein A	not DE	not DE	not DE	not DE
EVM0008407	LG9	disease resistance protein A	not DE	not DE	not DE	not DE
EVM0018656	LG9	disease resistance protein A	not DE	not DE	not DE	not DE
EVM0018877	LG9	disease resistance protein A	not DE	not DE	not DE	not DE
EVM0024459	LG9	disease resistance protein A	not DE	not DE	not DE	not DE
EVM0000747	LG9	disease resistance protein R	not DE	not DE	not DE	not DE
EVM0021444	LG9	dof zinc finger protein DOF3	not DE	not DE	not DE	not DE
EVM0023356	LG9	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0022247	LG9	ethylene-responsive transcri	not DE	not DE	1.875184	0.00483
EVM0012100	LG9	eukaryotic initiation factor	not DE	not DE	not DE	not DE
EVM0018995	LG9	eukaryotic initiation factor	not DE	not DE	not DE	not DE
EVM0008535	LG9	eukaryotic translation initia	not DE	not DE	not DE	not DE
EVM0003366	LG9	exocyst complex component EX	not DE	not DE	not DE	not DE
EVM0004398	LG9	exocyst complex component EX	not DE	not DE	not DE	not DE
EVM0004708	LG9	exocyst complex component EX	not DE	not DE	not DE	not DE
EVM0014088	LG9	expansin-A8	3.978805	0.000579	not DE	not DE
EVM0005594	LG9	exportin-T-like	not DE	not DE	not DE	not DE
EVM0014153	LG9	fanconi-associated nuclease	not DE	not DE	not DE	not DE
EVM0017535	LG9	formamidopyrimidine-DNA gly	not DE	not DE	not DE	not DE
EVM0004476	LG9	glucan endo-1,3-beta-glucosi	not DE	not DE	not DE	not DE
EVM0003742	LG9	glycerol kinase-like	not DE	not DE	not DE	not DE
EVM0014950	LG9	golgin candidate 5-like	not DE	not DE	not DE	not DE
EVM0021889	LG9	golgin candidate 5-like	not DE	not DE	not DE	not DE
EVM0000707	LG9	heterogeneous nuclear ribonu	not DE	not DE	not DE	not DE
EVM0019729	LG9	hexokinase-1-like	not DE	not DE	not DE	not DE
EVM0007828	LG9	histidine-containing phospho	not DE	not DE	not DE	not DE
EVM0018169	LG9	homeobox-leucine zipper prot	not DE	not DE	not DE	not DE
EVM0011261	LG9	hydroxyphenylpyruvate reduct	not DE	not DE	not DE	not DE
EVM0012619	LG9	inactive rhomboid protein 1-	not DE	not DE	not DE	not DE
EVM0006576	LG9	insulin-degrading enzyme-lik	not DE	not DE	not DE	not DE
EVM0009458	LG9	inter-alpha-trypsin inhibitor	not DE	not DE	not DE	not DE
EVM0016237	LG9	inter-alpha-trypsin inhibitor	not DE	not DE	not DE	not DE
EVM0011376	LG9	isoflavone reductase-like pr	not DE	not DE	not DE	not DE
EVM0016026	LG9	kelch repeat-containing prot	not DE	not DE	not DE	not DE
EVM0020584	LG9	late embryogenesis abundant	not DE	not DE	not DE	not DE
EVM0016818	LG9	linoleate 13S-lipoxygenase 3	not DE	not DE	not DE	not DE
EVM0011590	LG9	lysM domain receptor-like ki	not DE	not DE	not DE	not DE
EVM0022972	LG9	magnesium transporter MRS2-1	not DE	not DE	not DE	not DE
EVM0024073	LG9	mannose/glucose-specific lec	not DE	not DE	not DE	not DE
EVM0008875	LG9	mannosyl-oligosaccharide 1,2	not DE	not DE	not DE	not DE
EVM0017014	LG9	mediator of RNA polymerase I	not DE	not DE	not DE	not DE
EVM0000879	LG9	metal tolerance protein C4-1	not DE	not DE	not DE	not DE
EVM0022534	LG9	metal transporter Nramp1-lik	not DE	not DE	-2.21537	0.0023
EVM0003326	LG9	metallothiol transferase Fos	3.080852	0.033055	not DE	not DE
EVM0003075	LG9	methyl-CpG-binding domain-co	not DE	not DE	not DE	not DE
EVM0002573	LG9	methylesterase 17	not DE	not DE	not DE	not DE
EVM0012073	LG9	methylesterase 17-like	not DE	not DE	not DE	not DE
EVM0003855	LG9	methyltransferase-like prote	not DE	not DE	not DE	not DE
EVM0018717	LG9	midasin-like isoform X7	1.051641	0.006576	not DE	not DE

EVM0009854	LG9	mitochondrial ubiquitin ligase	not DE	not DE	not DE	not DE
EVM0011687	LG9	mitochondrial ubiquitin ligase	not DE	not DE	not DE	not DE
EVM0015417	LG9	mitochondrial ubiquitin ligase	not DE	not DE	not DE	not DE
EVM0015493	LG9	mitochondrial-processing peptidase	not DE	not DE	not DE	not DE
EVM0015209	LG9	myosin-10-like	not DE	not DE	not DE	not DE
EVM0010545	LG9	nucleolysin TIAR-like	-3.73193	0.007939	not DE	not DE
EVM0016163	LG9	nucleolysin TIAR-like	not DE	not DE	not DE	not DE
EVM0019289	LG9	nucleolysin TIAR-like	not DE	not DE	not DE	not DE
EVM0003412	LG9	nucleoporin NUP53-like	not DE	not DE	not DE	not DE
EVM0001113	LG9	nucleosome assembly protein 1	not DE	not DE	not DE	not DE
EVM0024371	LG9	nucleosome assembly protein 1	not DE	not DE	not DE	not DE
EVM0023980	LG9	oligopeptide transporter 9-like	not DE	not DE	not DE	not DE
EVM0013497	LG9	palmitoyl-monogalactosyl diacylglycerol transferase	not DE	not DE	not DE	not DE
EVM0011122	LG9	pentatricopeptide repeat-containing protein 1	2.418933	0.000495	not DE	not DE
EVM0008214	LG9	pentatricopeptide repeat-containing protein 1	not DE	not DE	not DE	not DE
EVM0022544	LG9	pentatricopeptide repeat-containing protein 1	not DE	not DE	not DE	not DE
EVM0010453	LG9	pentatricopeptide repeat-containing protein 1	not DE	not DE	not DE	not DE
EVM0010844	LG9	pentatricopeptide repeat-containing protein 1	not DE	not DE	not DE	not DE
EVM0003145	LG9	pentatricopeptide repeat-containing protein 1	not DE	not DE	not DE	not DE
EVM0018094	LG9	pentatricopeptide repeat-containing protein 1	not DE	not DE	not DE	not DE
EVM0002803	LG9	periodic tryptophan protein	not DE	not DE	-1.02506	0.00015
EVM0001749	LG9	peroxidase 4-like	not DE	not DE	not DE	not DE
EVM0005084	LG9	peroxidase E5-like	not DE	not DE	not DE	not DE
EVM0012099	LG9	peroxidase E5-like	not DE	not DE	not DE	not DE
EVM0019198	LG9	phospholipase D epsilon-like	not DE	not DE	not DE	not DE
EVM0000309	LG9	plastidic ATP/ADP-transporter	not DE	not DE	not DE	not DE
EVM0006601	LG9	pleiotropic drug resistance 1	not DE	not DE	not DE	not DE
EVM0008817	LG9	poly(A) polymerase-like	not DE	not DE	not DE	not DE
EVM0001436	LG9	probable 2-oxoglutarate-dependent methyltransferase	not DE	not DE	not DE	not DE
EVM0004311	LG9	probable ATP-dependent RNA helicase	not DE	not DE	not DE	not DE
EVM0002126	LG9	probable CCR4-associated factor	not DE	not DE	not DE	not DE
EVM0009513	LG9	probable WRKY transcription factor	not DE	not DE	not DE	not DE
EVM0012900	LG9	probable disease resistance protein	not DE	not DE	not DE	not DE
EVM0016870	LG9	probable disease resistance protein	not DE	not DE	not DE	not DE
EVM0020351	LG9	probable disease resistance protein	not DE	not DE	not DE	not DE
EVM0004747	LG9	probable disease resistance protein	not DE	not DE	not DE	not DE
EVM0006335	LG9	probable disease resistance protein	not DE	not DE	not DE	not DE
EVM0007027	LG9	probable disease resistance protein	not DE	not DE	not DE	not DE
EVM0014244	LG9	probable disease resistance protein	not DE	not DE	not DE	not DE
EVM0019487	LG9	probable disease resistance protein	not DE	not DE	not DE	not DE
EVM0002329	LG9	probable glutathione S-transferase	not DE	not DE	not DE	not DE
EVM0012033	LG9	probable inactive 2-oxoglutarate-dependent methyltransferase	not DE	not DE	not DE	not DE
EVM0013107	LG9	probable inactive 2-oxoglutarate-dependent methyltransferase	not DE	not DE	not DE	not DE
EVM0021569	LG9	probable inactive 2-oxoglutarate-dependent methyltransferase	not DE	not DE	not DE	not DE
EVM0007390	LG9	probable inactive leucine-ribosyltransferase	not DE	not DE	not DE	not DE
EVM0012571	LG9	probable inactive leucine-ribosyltransferase	not DE	not DE	not DE	not DE
EVM0012173	LG9	probable nucleolar protein 5	not DE	not DE	not DE	not DE
EVM0009648	LG9	probable peptide transporter	1.774668	0.006058	not DE	not DE
EVM0023794	LG9	probable polygalacturonase A	not DE	not DE	not DE	not DE
EVM0002950	LG9	probable pyridoxal biosynthesis protein	-3.58248	1.02E-21	-1.28671	#####
EVM0007264	LG9	probable serine incorporator	not DE	not DE	not DE	not DE
EVM0001105	LG9	probable sulfate transporter	not DE	not DE	not DE	not DE
EVM0016253	LG9	probably inactive leucine-ribosyltransferase	not DE	not DE	not DE	not DE
EVM0022400	LG9	proteasome subunit alpha type 1	not DE	not DE	not DE	not DE

EVM0024116	LG9	proteasome subunit alpha type 1	not DE	not DE	not DE	not DE
EVM0015776	LG9	protein Brevis radix-like 2	not DE	not DE	not DE	not DE
EVM0014880	LG9	protein EARLY FLOWERING 3-like 1	not DE	not DE	not DE	not DE
EVM0019035	LG9	protein EARLY FLOWERING 3-like 2	not DE	not DE	not DE	not DE
EVM0019595	LG9	protein FAR1-RELATED SEQUENCING 1	not DE	not DE	not DE	not DE
EVM0018121	LG9	protein LOW PSII ACCUMULATION 1	not DE	not DE	not DE	not DE
EVM0005703	LG9	protein LURP-one-related 12-like 1	not DE	not DE	not DE	not DE
EVM0019246	LG9	protein LURP-one-related 12-like 2	not DE	not DE	not DE	not DE
EVM0010636	LG9	protein RAE1	not DE	not DE	not DE	not DE
EVM0023313	LG9	protein TIC110, chloroplast import	not DE	not DE	-1.08538	0.00038
EVM0013290	LG9	protein TIFY 10A	not DE	not DE	not DE	not DE
EVM0012285	LG9	protein TOO MANY MOUTHS-like 1	not DE	not DE	not DE	not DE
EVM0023013	LG9	protein disulfide isomerase 1	not DE	not DE	not DE	not DE
EVM0003293	LG9	protein kinase PINOID 2	not DE	not DE	not DE	not DE
EVM0014820	LG9	protein kinase PINOID 2	not DE	not DE	not DE	not DE
EVM0015748	LG9	protein tesmin/TSO1-like CXC1	not DE	not DE	not DE	not DE
EVM0010064	LG9	protein tesmin/TSO1-like CXC2	not DE	not DE	not DE	not DE
EVM0020975	LG9	protein tesmin/TSO1-like CXC3	not DE	not DE	not DE	not DE
EVM0002231	LG9	pumilio homolog 23-like isoform 1	not DE	not DE	not DE	not DE
EVM0004716	LG9	putative F-box/LRR-repeat protein 1	not DE	not DE	not DE	not DE
EVM0019873	LG9	putative Peroxidase 48-like 1	not DE	not DE	not DE	not DE
EVM0014631	LG9	putative disease resistance protein 1	not DE	not DE	not DE	not DE
EVM0003642	LG9	putative disease resistance protein 2	not DE	not DE	not DE	not DE
EVM0009887	LG9	putative disease resistance protein 3	not DE	not DE	not DE	not DE
EVM0010361	LG9	putative disease resistance protein 4	not DE	not DE	not DE	not DE
EVM0010635	LG9	putative disease resistance protein 5	2.811636	0.000163	2.398899	0.01215
EVM0006924	LG9	putative disease resistance protein 6	not DE	not DE	not DE	not DE
EVM0010666	LG9	putative disease resistance protein 7	not DE	not DE	not DE	not DE
EVM0015686	LG9	putative disease resistance protein 8	not DE	not DE	not DE	not DE
EVM0021651	LG9	putative glucose-6-phosphate isomerase 1	not DE	not DE	not DE	not DE
EVM0019301	LG9	putative leucine-rich repeat protein 1	not DE	not DE	not DE	not DE
EVM0019981	LG9	putative leucine-rich repeat protein 2	not DE	not DE	not DE	not DE
EVM0015010	LG9	putative pentatricopeptide repeat 1	2.045182	0.003952	not DE	not DE
EVM0012488	LG9	putative phospholipid-transfer protein 1	not DE	not DE	not DE	not DE
EVM0020796	LG9	putative phospholipid-transfer protein 2	not DE	not DE	not DE	not DE
EVM0018071	LG9	pyrophosphate-energized membrane protein 1	not DE	not DE	not DE	not DE
EVM0023967	LG9	receptor-like serine/threonine kinase 1	not DE	not DE	not DE	not DE
EVM0010345	LG9	receptor-like serine/threonine kinase 2	not DE	not DE	not DE	not DE
EVM0017202	LG9	receptor-like serine/threonine kinase 3	not DE	not DE	not DE	not DE
EVM0022007	LG9	regulator of telomere elongation 1	not DE	not DE	not DE	not DE
EVM0022894	LG9	regulator of telomere elongation 2	not DE	not DE	not DE	not DE
EVM0010540	LG9	ribulose biphosphate carboxylase 1	-1.03509	0.041946	not DE	not DE
EVM0002287	LG9	rootletin-like protein 1	not DE	not DE	not DE	not DE
EVM0017851	LG9	serine-threonine kinase receptor 1	not DE	not DE	not DE	not DE
EVM0012958	LG9	serine/threonine protein phosphatase 1	not DE	not DE	not DE	not DE
EVM0022846	LG9	serine/threonine-protein phosphatase 2	not DE	not DE	not DE	not DE
EVM0003270	LG9	tRNA (uracil-5-)-methyltransferase 1	not DE	not DE	not DE	not DE
EVM0020157	LG9	tRNA (uracil-5-)-methyltransferase 2	not DE	not DE	not DE	not DE
EVM0015547	LG9	thionin-like protein 2-like 1	not DE	not DE	2.234433	0.00334
EVM0009511	LG9	threonine synthase, chloroplast	not DE	not DE	not DE	not DE
EVM0009320	LG9	transcription factor RF2b-like 1	not DE	not DE	not DE	not DE
EVM0021194	LG9	transcription factor RF2b-like 2	not DE	not DE	not DE	not DE
EVM0016751	LG9	transcription factor bHLH87	not DE	not DE	not DE	not DE
EVM0016561	LG9	transmembrane protein 56 isoform 1	not DE	not DE	not DE	not DE

EVM0009544	LG9	tubby-like protein 8-like is	not DE	not DE	not DE	not DE
EVM0000972	LG9	ubiquitin receptor RAD23b-li	not DE	not DE	not DE	not DE
EVM0012586	LG9	ubiquitin-conjugating enzyme	not DE	not DE	not DE	not DE
EVM0001961	LG9	ubiquitin-conjugating enzyme	not DE	not DE	not DE	not DE
EVM0018847	LG9	uncharacterized abhydrolase	not DE	not DE	not DE	not DE
EVM0003301	LG9	uncharacterized membrane pro	not DE	not DE	not DE	not DE
EVM0021931	LG9	uncharacterized protein At1g	not DE	not DE	not DE	not DE
EVM0005187	LG9	uncharacterized protein At2g	not DE	not DE	not DE	not DE
EVM0021760	LG9	uncharacterized protein At4g	not DE	not DE	not DE	not DE
EVM0010114	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0000896	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005693	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006318	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001504	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0012748	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019912	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018677	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018819	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014626	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024305	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021793	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0024280	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006627	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011691	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003166	LG9	uncharacterized protein LOC1	-1.4112	3.62E-06	not DE	not DE
EVM0004724	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002011	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022127	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002863	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015864	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021300	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005347	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006464	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023404	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001702	LG9	uncharacterized protein LOC1	not DE	not DE	-1.05097	#####
EVM0015812	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002144	LG9	uncharacterized protein LOC1	-1.43645	0.004106	1.596691	0.01036
EVM0008380	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015583	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022487	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0019101	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017671	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0021767	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022664	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008508	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016801	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0005935	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011841	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023110	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014999	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0008253	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022503	LG9	uncharacterized protein LOC1	1.550413	0.001401	2.157328	#####
EVM0014383	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023329	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE



EVM0023044	LG9	uncharacterized protein LOC1	not DE	not DE	-3.16447	0.01544
EVM0017625	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0017989	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0015273	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016002	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0009598	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011818	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0018074	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0023871	LG9	uncharacterized protein LOC1	-1.23619	0.036295	not DE	not DE
EVM0004267	LG9	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0011493	LG9	vacuolar-processing enzyme a	not DE	not DE	not DE	not DE
EVM0023311	LG9	xylosyltransferase 1-like	not DE	not DE	not DE	not DE
EVM0014973	LG9	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0011665	LG9	zinc phosphodiesterase ELAC	not DE	not DE	not DE	not DE
EVM0001658	LG9	4-coumarate:CoA ligase	not DE	not DE	not DE	not DE
EVM0000976	LG9	4-hydroxyphenylacetaldehyde c	not DE	not DE	not DE	not DE
EVM0020783	LG9	4-hydroxyphenylacetaldehyde c	not DE	not DE	not DE	not DE
EVM0003095	LG9	50S ribosomal protein L34	not DE	not DE	not DE	not DE
EVM0018908	LG9	60S ribosomal protein L15	not DE	not DE	not DE	not DE
EVM0009198	LG9	60S ribosomal protein L28-2	not DE	not DE	not DE	not DE
EVM0002655	LG9	60S ribosomal protein L32, pu	not DE	not DE	not DE	not DE
EVM0016569	LG9	60S ribosomal protein L37, pu	not DE	not DE	not DE	not DE
EVM0019142	LG9	ABC-2 and Plant PDR ABC-type	not DE	not DE	-2.36288	0.0066
EVM0000813	LG9	ABC-2 type transporter family	not DE	not DE	not DE	not DE
EVM0022884	LG9	Actin binding family protein,	not DE	not DE	not DE	not DE
EVM0008136	LG9	Aldehyde dehydrogenase family	not DE	not DE	not DE	not DE
EVM0019948	LG9	Aldehyde dehydrogenase family	2.104461	0.032636	not DE	not DE
EVM0021033	LG9	Aldehyde dehydrogenase family	not DE	not DE	not DE	not DE
EVM0010089	LG9	Anthranilate N-benzoyltransfe	not DE	not DE	not DE	not DE
EVM0002640	LG9	Auxin-induced protein AUX22,	not DE	not DE	not DE	not DE
EVM0007176	LG9	Auxin-induced protein AUX22,	not DE	not DE	not DE	not DE
EVM0012756	LG9	Auxin-responsive protein IAA1	not DE	not DE	not DE	not DE
EVM0020417	LG9	BRASSINOSTEROID INSENSITIVE 1	not DE	not DE	not DE	not DE
EVM0002038	LG9	Basic helix-loop-helix DNA-bi	not DE	not DE	not DE	not DE
EVM0008910	LG9	Bet1-like protein	not DE	not DE	not DE	not DE
EVM0012970	LG9	Bifunctional dihydroflavonol	not DE	not DE	not DE	not DE
EVM0014638	LG9	CBL-interacting protein kinas	not DE	not DE	not DE	not DE
EVM0020957	LG9	CBL-interacting protein kinas	not DE	not DE	not DE	not DE
EVM0006483	LG9	CBL-interacting serine/threon	not DE	not DE	not DE	not DE
EVM0013955	LG9	COL domain class transcriptio	not DE	not DE	not DE	not DE
EVM0008258	LG9	CTC-interacting domain 3, put	not DE	not DE	not DE	not DE
EVM0012439	LG9	Cc-nbs-llr resistance protein	not DE	not DE	not DE	not DE
EVM0013834	LG9	Cc-nbs-llr resistance protein	not DE	not DE	not DE	not DE
EVM0008107	LG9	Cell division protein ftsH, p	not DE	not DE	not DE	not DE
EVM0008930	LG9	Cell division protein ftsH, p	not DE	not DE	not DE	not DE
EVM0009271	LG9	Chain A family protein	not DE	not DE	not DE	not DE
EVM0015732	LG9	Chain A family protein	not DE	not DE	not DE	not DE
EVM0015743	LG9	Chain A family protein	not DE	not DE	not DE	not DE
EVM0023976	LG9	Coiled-coil domain-containing	not DE	not DE	not DE	not DE
EVM0020646	LG9	Cyclic nucleotide-gated ion c	not DE	not DE	not DE	not DE
EVM0002767	LG9	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0005307	LG9	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0005737	LG9	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0007481	LG9	Cytochrome P450	not DE	not DE	not DE	not DE

EVM0011310	LG9	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0012036	LG9	Cytochrome P450	not DE	not DE	-1.16089	0.02999
EVM0016469	LG9	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0018705	LG9	Cytochrome P450	not DE	not DE	not DE	not DE
EVM0022256	LG9	Cytochrome P450, family 706,	not DE	not DE	not DE	not DE
EVM0023766	LG9	Cytochrome c oxidase subunit	not DE	not DE	not DE	not DE
EVM0011231	LG9	DNA photolyase, putative	not DE	not DE	not DE	not DE
EVM0000970	LG9	DNA-directed RNA polymerase I	not DE	not DE	not DE	not DE
EVM0013529	LG9	DNAJ heat shock family protein	not DE	not DE	not DE	not DE
EVM0001490	LG9	Domain of Uncharacterized protein	not DE	not DE	not DE	not DE
EVM0002619	LG9	ELF4-like 4	not DE	not DE	not DE	not DE
EVM0024103	LG9	EXORDIUM like 1	not DE	not DE	not DE	not DE
EVM0019724	LG9	Extra-large GTP-binding protein	not DE	not DE	not DE	not DE
EVM0020086	LG9	Extra-large GTP-binding protein	not DE	not DE	not DE	not DE
EVM0006218	LG9	F-box family protein, putative	not DE	not DE	not DE	not DE
EVM0005058	LG9	F11A6.1 protein, putative	not DE	not DE	not DE	not DE
EVM0013294	LG9	F1504.13	not DE	not DE	not DE	not DE
EVM0019663	LG9	GDSL-motif lipase 5	not DE	not DE	not DE	not DE
EVM0005096	LG9	GDSL-motif lipase 7	not DE	not DE	not DE	not DE
EVM0005647	LG9	GDSL-motif lipase 7	not DE	not DE	not DE	not DE
EVM0006172	LG9	GDSL-motif lipase 7	not DE	not DE	not DE	not DE
EVM0012150	LG9	GDSL-motif lipase 7	not DE	not DE	not DE	not DE
EVM0015277	LG9	GDSL-motif lipase 7	not DE	not DE	not DE	not DE
EVM0017203	LG9	GDSL-motif lipase 7	not DE	not DE	not DE	not DE
EVM0018612	LG9	GDSL-motif lipase 7	not DE	not DE	not DE	not DE
EVM0022412	LG9	GDSL-motif lipase 7	not DE	not DE	not DE	not DE
EVM0015951	LG9	Gb:AAF36750.1, putative isoform	not DE	not DE	not DE	not DE
EVM0011835	LG9	Gibberellin 3-beta-dioxygenase	not DE	not DE	not DE	not DE
EVM0008423	LG9	Glucan endo-1,3-beta-glucosidase	not DE	not DE	not DE	not DE
EVM0014566	LG9	Glycosyl hydrolases family 32	not DE	not DE	not DE	not DE
EVM0015574	LG9	Glycosyl hydrolases family 32	not DE	not DE	not DE	not DE
EVM0020702	LG9	Glycosyl hydrolases family 32	not DE	not DE	not DE	not DE
EVM0024655	LG9	Golgi snare 11 isoform 1	not DE	not DE	not DE	not DE
EVM0009637	LG9	Heat shock 70 kDa protein, putative	-2.04203	1.97E-05	-1.8062	#####
EVM0009125	LG9	Homeodomain-like/winged-helix	not DE	not DE	not DE	not DE
EVM0012286	LG9	Homeodomain-like/winged-helix	not DE	not DE	not DE	not DE
EVM0023610	LG9	Hydrophobic RCI2B -like protein	not DE	not DE	not DE	not DE
EVM0021103	LG9	JHL07K02.8	not DE	not DE	not DE	not DE
EVM0011194	LG9	Kinase interacting family protein	not DE	not DE	not DE	not DE
EVM0023636	LG9	Leucine-rich repeat protein kinase	not DE	not DE	not DE	not DE
EVM0014810	LG9	MYB7	not DE	not DE	not DE	not DE
EVM0017331	LG9	Major facilitator superfamily	not DE	not DE	2.249076	0.00293
EVM0017032	LG9	Mannose/glucose-specific lectin	not DE	not DE	not DE	not DE
EVM0020339	LG9	Mini-ribonuclease 3	not DE	not DE	not DE	not DE
EVM0020998	LG9	Mitochondrial carnitine/acylcarnitine	2.273777	0.000562	1.200202	0.01141
EVM0004112	LG9	Mono-/di-acylglycerol lipase	not DE	not DE	not DE	not DE
EVM0003991	LG9	Monovalent cation:proton antiporter	not DE	not DE	not DE	not DE
EVM0004532	LG9	Monovalent cation:proton antiporter	not DE	not DE	not DE	not DE
EVM0021373	LG9	Monovalent cation:proton antiporter	not DE	not DE	not DE	not DE
EVM0000131	LG9	NAC domain transcriptional repressor	not DE	not DE	not DE	not DE
EVM0001937	LG9	NAC domain transcriptional repressor	not DE	not DE	not DE	not DE
EVM0009278	LG9	NAC domain transcriptional repressor	not DE	not DE	not DE	not DE
EVM0019468	LG9	NAC domain transcriptional repressor	not DE	not DE	not DE	not DE
EVM0020700	LG9	NAC domain-containing 29 -like	not DE	not DE	not DE	not DE

EVM0014844	LG9	NADP-dependent malic protein	not DE	not DE	not DE	not DE
EVM0002181	LG9	NB-ARC domain-containing dis	not DE	not DE	not DE	not DE
EVM0009181	LG9	NT domain of poly(A) polymera	not DE	not DE	not DE	not DE
EVM0014499	LG9	Nodulin MtN21 /EamA-like tran	not DE	not DE	not DE	not DE
EVM0001369	LG9	Non-specific lipid-transfer p	9.946596	6.48E-08	not DE	not DE
EVM0017253	LG9	Non-specific lipid-transfer p	not DE	not DE	not DE	not DE
EVM0024672	LG9	Non-specific lipid-transfer p	4.880674	0.013573	not DE	not DE
EVM0017201	LG9	Ovate family protein 14, puta	not DE	not DE	not DE	not DE
EVM0008205	LG9	Ovate family protein 4, putat	not DE	not DE	not DE	not DE
EVM0017653	LG9	Oxidative stress 3, putative	not DE	not DE	not DE	not DE
EVM0004717	LG9	PRA1 family protein	not DE	not DE	not DE	not DE
EVM0000017	LG9	Peroxin 11A isoform 1	not DE	not DE	not DE	not DE
EVM0012331	LG9	Pex2/Pex12 N-terminal domain	not DE	not DE	not DE	not DE
EVM0006829	LG9	Phosphatase 2C family protein	not DE	not DE	not DE	not DE
EVM0019578	LG9	Phosphatase 2C family protein	not DE	not DE	not DE	not DE
EVM0003920	LG9	Phosphatidylinositol 3- and 4	not DE	not DE	-1.29961	0.00019
EVM0018445	LG9	Polyadenylate-binding 1-A	not DE	not DE	not DE	not DE
EVM0007666	LG9	Prephenate dehydrogenase fami	not DE	not DE	not DE	not DE
EVM0017687	LG9	Pyrophosphate-energized membr	not DE	not DE	not DE	not DE
EVM0001838	LG9	Ras-related small GTP-binding	not DE	not DE	not DE	not DE
EVM0008289	LG9	RecName: Full=Profilin; AltNa	not DE	not DE	1.159164	0.00622
EVM0003482	LG9	Regulator of Vps4 activity in	not DE	not DE	not DE	not DE
EVM0005127	LG9	Regulator of telomere elongat	not DE	not DE	not DE	not DE
EVM0015145	LG9	Respiratory burst oxidase D	not DE	not DE	not DE	not DE
EVM0016375	LG9	Respiratory burst oxidase D	not DE	not DE	not DE	not DE
EVM0022779	LG9	Respiratory burst oxidase D	not DE	not DE	not DE	not DE
EVM0000936	LG9	Ribosomal protein S5/Elongati	not DE	not DE	not DE	not DE
EVM0005688	LG9	S-adenosyl-L-methionine-deper	not DE	not DE	not DE	not DE
EVM0011936	LG9	SAUR-like auxin-responsive pr	not DE	not DE	not DE	not DE
EVM0019045	LG9	Senescence-associated gene 21	not DE	not DE	not DE	not DE
EVM0020575	LG9	Signal peptidase complex cata	not DE	not DE	not DE	not DE
EVM0001237	LG9	Splicing factor 3B subunit 4	not DE	not DE	not DE	not DE
EVM0021341	LG9	Structural molecules	not DE	not DE	not DE	not DE
EVM0011106	LG9	Subtilisin-like protease	not DE	not DE	not DE	not DE
EVM0024139	LG9	Sulfate transmembrane transpo	-1.40224	0.04472	not DE	not DE
EVM0009532	LG9	Target SNARE coiled-coil doma	not DE	not DE	not DE	not DE
EVM0008635	LG9	Translation machinery-associat	not DE	not DE	not DE	not DE
EVM0007179	LG9	Triacylglycerol lipase, putat	not DE	not DE	not DE	not DE
EVM0009238	LG9	Tyrosine N-monooxygenase	not DE	not DE	not DE	not DE
EVM0010653	LG9	Tyrosine N-monooxygenase	not DE	not DE	not DE	not DE
EVM0022300	LG9	Tyrosine N-monooxygenase	not DE	not DE	not DE	not DE
EVM0000054	LG9	Tyrosine/DOPA decarboxylase	not DE	not DE	not DE	not DE
EVM0000687	LG9	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0017886	LG9	Uncharacterized protein TCM_C	not DE	not DE	-1.62655	0.03078
EVM0005684	LG9	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0013591	LG9	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0003243	LG9	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0000531	LG9	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0010377	LG9	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0013013	LG9	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0013527	LG9	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0022027	LG9	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0009175	LG9	Uncharacterized protein TCM_C	not DE	not DE	not DE	not DE
EVM0002077	LG9	Uncharacterized protein isofc	not DE	not DE	not DE	not DE



EVM0007777	LG9	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0011747	LG9	Uncharacterized protein isofo	not DE	not DE	not DE	not DE
EVM0000221	LG9	Uncharacterized protein isofo	-1.21021	0.006964	not DE	not DE
EVM0019756	LG9	V-type proton ATPase catalyti	not DE	not DE	not DE	not DE
EVM0021601	LG9	WRKY transcription factor 5	not DE	not DE	not DE	not DE
EVM0019655	LG9	alcohol dehydrogenase, putati	8.152071	4.59E-08	not DE	not DE
EVM0022665	LG9	alcohol dehydrogenase, putati	10.37828	4.36E-12	not DE	not DE
EVM0015410	LG9	ccr4-associated factor, putat	not DE	not DE	not DE	not DE
EVM0001621	LG9	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0003483	LG9	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0004063	LG9	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0006712	LG9	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0007395	LG9	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0007499	LG9	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0008241	LG9	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0008384	LG9	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0009850	LG9	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0010487	LG9	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0013532	LG9	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0015879	LG9	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0024376	LG9	conserved hypothetical protei	not DE	not DE	not DE	not DE
EVM0017755	LG9	copine, putative	not DE	not DE	not DE	not DE
EVM0002330	LG9	cytochrome P450	not DE	not DE	not DE	not DE
EVM0002326	LG9	cytochrome P450, putative	not DE	not DE	not DE	not DE
EVM0016028	LG9	cytoplasmic dynein light chain	not DE	not DE	1.962414	#####
EVM0007354	LG9	gag-pol polyprotein	not DE	not DE	not DE	not DE
EVM0022700	LG9	gag-pol polyprotein	not DE	not DE	not DE	not DE
EVM0020055	LG9	histidine phosphotransfer pro	-2.78523	0.038874	not DE	not DE
EVM0013155	LG9	histone h2a, putative	not DE	not DE	not DE	not DE
EVM0023908	LG9	hypothetical protein AALP_AA4	not DE	not DE	not DE	not DE
EVM0011859	LG9	hypothetical protein AMTR_s04	not DE	not DE	not DE	not DE
EVM0009338	LG9	hypothetical protein ARALYDRA	not DE	not DE	not DE	not DE
EVM0021354	LG9	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0005814	LG9	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0016685	LG9	hypothetical protein CICLE_vl	1.139604	9.85E-07	not DE	not DE
EVM0022723	LG9	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0022785	LG9	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0016816	LG9	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0007180	LG9	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0022087	LG9	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0024471	LG9	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0001607	LG9	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0018356	LG9	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0011340	LG9	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0005719	LG9	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0023463	LG9	hypothetical protein CICLE_vl	1.5451	0.030377	not DE	not DE
EVM0023357	LG9	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0008417	LG9	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0012198	LG9	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0014772	LG9	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0001480	LG9	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0006315	LG9	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0019075	LG9	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE
EVM0000276	LG9	hypothetical protein CICLE_vl	not DE	not DE	not DE	not DE

EVM0013452	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015972	LG9	hypothetical protein CICLE_v1	not DE	not DE	-1.11084	0.00043
EVM0002341	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003363	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003165	LG9	hypothetical protein CICLE_v1	-3.25613	0.042932	not DE	not DE
EVM0005391	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018919	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003897	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001169	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017994	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002154	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004852	LG9	hypothetical protein CICLE_v1	-1.03837	0.002171	not DE	not DE
EVM0001097	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009808	LG9	hypothetical protein CICLE_v1	1.276976	0.000421	not DE	not DE
EVM0001213	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009008	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008474	LG9	hypothetical protein CICLE_v1	not DE	not DE	-1.46056	#####
EVM0009392	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013618	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006540	LG9	hypothetical protein CICLE_v1	not DE	not DE	-1.04524	#####
EVM0004756	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017343	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010729	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013658	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023321	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001397	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018829	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024641	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015021	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021250	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005699	LG9	hypothetical protein CICLE_v1	2.472966	3.71E-06	not DE	not DE
EVM0003740	LG9	hypothetical protein CICLE_v1	1.873474	0.007474	not DE	not DE
EVM0008127	LG9	hypothetical protein CICLE_v1	not DE	not DE	-1.029	0.00099
EVM0015689	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012610	LG9	hypothetical protein CICLE_v1	1.312696	0.00289	not DE	not DE
EVM0015459	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017722	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006692	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015049	LG9	hypothetical protein CICLE_v1	not DE	not DE	-3.31633	0.02426
EVM0021312	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018328	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000636	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015680	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021795	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001841	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017683	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009472	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001946	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020165	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017377	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000592	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016264	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000159	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024564	LG9	hypothetical protein CICLE_v1	1.328735	0.005049	not DE	not DE

EVM0018091	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022492	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016279	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005616	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021320	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023390	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009157	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007794	LG9	hypothetical protein CICLE_v1	-1.04021	0.00157	not DE	not DE
EVM0020440	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001058	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001075	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020156	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011529	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010334	LG9	hypothetical protein CICLE_v1	not DE	not DE	-1.43296	0.00069
EVM0015112	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004638	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010679	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003905	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004707	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017209	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012732	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022312	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022326	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006085	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016416	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006893	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016441	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019816	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017102	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006719	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006748	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002898	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020674	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022598	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024243	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022898	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021679	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000912	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003071	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008846	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005277	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008375	LG9	hypothetical protein CICLE_v1	1.03742	0.013357	not DE	not DE
EVM0024434	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004551	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014634	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004881	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023676	LG9	hypothetical protein CICLE_v1	1.311281	0.032776	not DE	not DE
EVM0008211	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015293	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005661	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008434	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002405	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004083	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016894	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0021764	LG9	hypothetical protein CICLE_v1	not DE	not DE	1.272907	0.01555
EVM0007165	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012239	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015790	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024491	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000423	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018580	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019298	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007954	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018675	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019340	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020208	LG9	hypothetical protein CICLE_v1	-1.49021	0.002796	not DE	not DE
EVM0009718	LG9	hypothetical protein CICLE_v1	-2.81789	8.65E-08	-3.08632	0.00016
EVM0002103	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018171	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009326	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000070	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024540	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017825	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020501	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006054	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004698	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013743	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001657	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003017	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014197	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021573	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006569	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018141	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009776	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015673	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022994	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019553	LG9	hypothetical protein CICLE_v1	-1.05729	0.007719	1.374907	#####
EVM0000858	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023299	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022762	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011931	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013708	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011682	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018855	LG9	hypothetical protein CICLE_v1	not DE	not DE	1.406612	0.00362
EVM0014679	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015421	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009969	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009064	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006410	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020788	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008141	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009279	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015798	LG9	hypothetical protein CICLE_v1	-2.6261	0.02219	-2.51154	#####
EVM0023173	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005936	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010782	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008161	LG9	hypothetical protein CICLE_v1	3.570557	2.10E-13	not DE	not DE
EVM0023084	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0004824	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005283	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003966	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008605	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017595	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014985	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015344	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012670	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011570	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021067	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011939	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010275	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022075	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010756	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000324	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013911	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002868	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019612	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022820	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014439	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009804	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013931	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013608	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008068	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004440	LG9	hypothetical protein CICLE_v1	-4.00539	0.000469	not DE	not DE
EVM0006270	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000163	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020968	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013627	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006131	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014977	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004550	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018964	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005873	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000759	LG9	hypothetical protein CICLE_v1	not DE	not DE	1.007134	#####
EVM0018000	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015105	LG9	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003395	LG9	hypothetical protein CISIN_1g	1.769052	0.003631	not DE	not DE
EVM0011366	LG9	hypothetical protein CISIN_1g	not DE	not DE	-1.29369	0.00021
EVM0010548	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012220	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009192	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024079	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005993	LG9	hypothetical protein CISIN_1g	not DE	not DE	1.019629	0.01634
EVM0010840	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010094	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007687	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009709	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011480	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014790	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023098	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007145	LG9	hypothetical protein CISIN_1g	not DE	not DE	-1.03736	0.03092
EVM0012602	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005882	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE

EVM0021157	LG9	hypothetical protein CISIN_1g	1.97207	0.000734	not DE	not DE
EVM0001608	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015477	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023999	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021711	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000805	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001651	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023025	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002545	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019007	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014372	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019352	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010368	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012143	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024463	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007213	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013847	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004742	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011771	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017999	LG9	hypothetical protein CISIN_1g	not DE	not DE	-5.90655	#####
EVM0000840	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007655	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011880	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016932	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007530	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014483	LG9	hypothetical protein CISIN_1g	not DE	not DE	2.330116	0.00302
EVM0006397	LG9	hypothetical protein CISIN_1g	-1.47125	0.013164	not DE	not DE
EVM0019452	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011226	LG9	hypothetical protein CISIN_1g	-1.27715	4.81E-09	-1.51857	#####
EVM0017366	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005457	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007926	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023091	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014387	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001868	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000891	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011513	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005833	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010580	LG9	hypothetical protein CISIN_1g	not DE	not DE	2.35869	0.00019
EVM0001883	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015927	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011793	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009792	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011342	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017113	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017473	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007958	LG9	hypothetical protein CISIN_1g	1.309704	0.013818	not DE	not DE
EVM0023099	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024254	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007559	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004092	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016166	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021016	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002179	LG9	hypothetical protein CISIN_1g	-4.09388	0.008253	not DE	not DE

EVM0008362	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005971	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0010593	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017481	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019563	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001915	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003506	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013981	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017979	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014061	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014630	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019856	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020174	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020248	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023020	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012344	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013499	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004077	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011087	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014000	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019876	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024410	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015488	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0024091	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002881	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004378	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014473	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016998	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004191	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011478	LG9	hypothetical protein CISIN_1g	not DE	not DE	3.11242	0.00057
EVM0020097	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003311	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009463	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013442	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008450	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019955	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007218	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009898	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002948	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005244	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006666	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009044	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011161	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014432	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022194	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017492	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009126	LG9	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000791	LG9	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0000625	LG9	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0006068	LG9	hypothetical protein F383_086	not DE	not DE	not DE	not DE
EVM0016640	LG9	hypothetical protein F383_199	not DE	not DE	not DE	not DE
EVM0024326	LG9	hypothetical protein F383_199	not DE	not DE	not DE	not DE
EVM0006327	LG9	hypothetical protein JCGZ_005	not DE	not DE	not DE	not DE
EVM0016398	LG9	hypothetical protein JCGZ_006	not DE	not DE	not DE	not DE

EVM0003869	LG9	hypothetical protein JCGZ_060	not DE	not DE	not DE	not DE
EVM0022351	LG9	hypothetical protein JCGZ_060	not DE	not DE	not DE	not DE
EVM0011564	LG9	hypothetical protein JCGZ_061	not DE	not DE	-1.23591	0.01287
EVM0013742	LG9	hypothetical protein JCGZ_061	not DE	not DE	not DE	not DE
EVM0017565	LG9	hypothetical protein JCGZ_062	not DE	not DE	not DE	not DE
EVM0018268	LG9	hypothetical protein JCGZ_114	not DE	not DE	not DE	not DE
EVM0005600	LG9	hypothetical protein JCGZ_153	not DE	not DE	not DE	not DE
EVM0000162	LG9	hypothetical protein JCGZ_172	not DE	not DE	not DE	not DE
EVM0001054	LG9	hypothetical protein JCGZ_172	not DE	not DE	not DE	not DE
EVM0002891	LG9	hypothetical protein JCGZ_172	not DE	not DE	not DE	not DE
EVM0005655	LG9	hypothetical protein JCGZ_172	not DE	not DE	not DE	not DE
EVM0007466	LG9	hypothetical protein JCGZ_172	not DE	not DE	not DE	not DE
EVM0011922	LG9	hypothetical protein JCGZ_172	not DE	not DE	not DE	not DE
EVM0017098	LG9	hypothetical protein JCGZ_172	-4.41058	0.006885	not DE	not DE
EVM0019203	LG9	hypothetical protein JCGZ_172	not DE	not DE	not DE	not DE
EVM0002816	LG9	hypothetical protein JCGZ_173	not DE	not DE	not DE	not DE
EVM0003878	LG9	hypothetical protein JCGZ_173	not DE	not DE	not DE	not DE
EVM0006079	LG9	hypothetical protein JCGZ_205	not DE	not DE	not DE	not DE
EVM0010133	LG9	hypothetical protein JCGZ_225	not DE	not DE	not DE	not DE
EVM0022413	LG9	hypothetical protein JCGZ_225	not DE	not DE	not DE	not DE
EVM0003235	LG9	hypothetical protein JCGZ_225	not DE	not DE	not DE	not DE
EVM0002966	LG9	hypothetical protein JCGZ_245	not DE	not DE	not DE	not DE
EVM0022516	LG9	hypothetical protein JCGZ_246	not DE	not DE	not DE	not DE
EVM0007266	LG9	hypothetical protein JCGZ_246	not DE	not DE	not DE	not DE
EVM0007914	LG9	hypothetical protein JCGZ_246	not DE	not DE	not DE	not DE
EVM0017971	LG9	hypothetical protein JCGZ_246	not DE	not DE	not DE	not DE
EVM0010340	LG9	hypothetical protein JCGZ_247	not DE	not DE	not DE	not DE
EVM0002552	LG9	hypothetical protein JCGZ_248	not DE	not DE	not DE	not DE
EVM0008786	LG9	hypothetical protein L484_026	-1.1048	0.000112	not DE	not DE
EVM0014939	LG9	hypothetical protein L484_027	not DE	not DE	not DE	not DE
EVM0023577	LG9	hypothetical protein M569_056	not DE	not DE	not DE	not DE
EVM0007538	LG9	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0016629	LG9	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0020431	LG9	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0015025	LG9	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0021966	LG9	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0009891	LG9	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0010528	LG9	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0023925	LG9	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0003237	LG9	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0022772	LG9	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023835	LG9	hypothetical protein POPTR_00	-1.71707	0.001027	not DE	not DE
EVM0014922	LG9	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0005987	LG9	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0007231	LG9	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006450	LG9	hypothetical protein POPTR_00	not DE	not DE	1.245074	0.03384
EVM0016063	LG9	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019762	LG9	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0022743	LG9	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020723	LG9	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0020452	LG9	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0010560	LG9	hypothetical protein POPTR_09	not DE	not DE	not DE	not DE
EVM0022211	LG9	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0014097	LG9	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE



EVM0001064	LG9	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0015078	LG9	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0015309	LG9	hypothetical protein PRUPE_pp	-1.84422	8.39E-09	not DE	not DE
EVM0004463	LG9	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0008031	LG9	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0007674	LG9	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0016980	LG9	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0015965	LG9	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0007297	LG9	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0011355	LG9	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0008351	LG9	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0005176	LG9	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0023900	LG9	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0001390	LG9	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0021630	LG9	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0009294	LG9	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0006968	LG9	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0022605	LG9	hypothetical protein UP-4	not DE	not DE	not DE	not DE
EVM0020731	LG9	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0005225	LG9	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0021321	LG9	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0017011	LG9	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0021626	LG9	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0022531	LG9	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0023319	LG9	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0006241	LG9	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0019968	LG9	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0018412	LG9	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0005609	LG9	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0007184	LG9	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0021029	LG9	hypothetical protein VITISV_C	not DE	not DE	not DE	not DE
EVM0005438	LG9	hypothetical protein ZEAMMB73	not DE	not DE	not DE	not DE
EVM0004116	LG9	integral membrane family prot	not DE	not DE	not DE	not DE
EVM0010060	LG9	integrase	not DE	not DE	not DE	not DE
EVM0012574	LG9	integrase	not DE	not DE	not DE	not DE
EVM0014504	LG9	integrase	not DE	not DE	not DE	not DE
EVM0021964	LG9	integrase	not DE	not DE	not DE	not DE
EVM0000082	LG9	isochorismatase hydrolase fam	not DE	not DE	not DE	not DE
EVM0016017	LG9	late embryogenesis abundant p	2.315361	0.009254	not DE	not DE
EVM0005119	LG9	maternal effect uncoordinatio	not DE	not DE	not DE	not DE
EVM0002247	LG9	mitogen-activated protein kin	not DE	not DE	not DE	not DE
EVM0014316	LG9	phosphofructokinase	-1.37496	0.000618	-1.11716	#####
EVM0017048	LG9	phospholipase D alpha	not DE	not DE	not DE	not DE
EVM0012878	LG9	photosystem I 11K family prot	-2.04646	6.73E-06	not DE	not DE
EVM0022770	LG9	polypeptide deformylase, puta	not DE	not DE	not DE	not DE
EVM0018049	LG9	putative DnaJ protein	not DE	not DE	not DE	not DE
EVM0002598	LG9	putative disease resistance g	not DE	not DE	not DE	not DE
EVM0003647	LG9	putative disease resistance g	not DE	not DE	not DE	not DE
EVM0013332	LG9	quinic acid O-hydroxycinnamoyltra	not DE	not DE	not DE	not DE
EVM0010136	LG9	ribosomal protein S19	not DE	not DE	not DE	not DE
EVM0018790	LG9	serine-threonine protein kina	not DE	not DE	not DE	not DE
EVM0004170	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0004892	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0007167	LG9	unknown protein	not DE	not DE	not DE	not DE

EVM0007293	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0007842	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0008507	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0009042	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0009066	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0009405	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0009952	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0011470	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0011677	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0013008	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0014133	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0014709	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0015460	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0016086	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0017103	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0018785	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0019164	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0020111	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0022019	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0022168	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0022219	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0023679	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0023733	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0024067	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0024159	LG9	unknown protein	not DE	not DE	not DE	not DE
EVM0000058	LG9	unnamed protein product	not DE	not DE	not DE	not DE
EVM0000292	LG9	unnamed protein product	not DE	not DE	not DE	not DE
EVM0001655	LG9	unnamed protein product	not DE	not DE	not DE	not DE
EVM0002428	LG9	unnamed protein product	not DE	not DE	not DE	not DE
EVM0004022	LG9	unnamed protein product	not DE	not DE	not DE	not DE
EVM0009370	LG9	unnamed protein product	not DE	not DE	not DE	not DE
EVM0009805	LG9	unnamed protein product	not DE	not DE	not DE	not DE
EVM0010674	LG9	unnamed protein product	-4.24159	4.48E-09	-2.28731	0.00058
EVM0019194	LG9	unnamed protein product	not DE	not DE	not DE	not DE
EVM0019402	LG9	unnamed protein product	not DE	not DE	not DE	not DE
EVM0019732	LG9	unnamed protein product	not DE	not DE	not DE	not DE
EVM0020589	LG9	unnamed protein product	not DE	not DE	not DE	not DE
EVM0022452	LG9	unnamed protein product	not DE	not DE	not DE	not DE
EVM0013222	LG9	zinc finger family protein	not DE	not DE	not DE	not DE
EVM0013510	LG9	zinc finger family protein	not DE	not DE	not DE	not DE
EVM0015018	LG9	zinc finger protein, putative	not DE	not DE	not DE	not DE
EVM0019130	LG9	zinc finger protein, putative	not DE	not DE	not DE	not DE
EVM0004590	LGUn	(E,E)-geranylinalool synthase	not DE	not DE	not DE	not DE
EVM0008314	LGUn	(E,E)-geranylinalool synthase	not DE	not DE	not DE	not DE
EVM0015085	LGUn	(E,E)-geranylinalool synthase	not DE	not DE	not DE	not DE
EVM0019665	LGUn	(E,E)-geranylinalool synthase	not DE	not DE	not DE	not DE
EVM0014572	LGUn	(R)-limonene synthase 1-like	not DE	not DE	not DE	not DE
EVM0011741	LGUn	1-acyl-sn-glycerol-3-phosphate	not DE	not DE	not DE	not DE
EVM0008157	LGUn	11-beta-hydroxysteroid dehydrogenase	not DE	not DE	not DE	not DE
EVM0009450	LGUn	14 kDa proline-rich protein	not DE	not DE	not DE	not DE
EVM0008959	LGUn	21 kDa protein-like	not DE	not DE	not DE	not DE
EVM0024569	LGUn	21 kDa protein-like	not DE	not DE	not DE	not DE
EVM0018278	LGUn	39S ribosomal protein L41-A,	not DE	not DE	not DE	not DE
EVM0011131	LGUn	40S ribosomal protein S14	not DE	not DE	not DE	not DE

EVM0010010	LGUn	40S ribosomal protein S25-li	not DE	not DE	not DE	not DE
EVM0005245	LGUn	40S ribosomal protein S5-2-l	not DE	not DE	not DE	not DE
EVM0017021	LGUn	50S ribosomal protein L12, c	not DE	not DE	not DE	not DE
EVM0013134	LGUn	50S ribosomal protein L21, m	not DE	not DE	not DE	not DE
EVM0001470	LGUn	6-phosphofructokinase 5, chl	not DE	not DE	not DE	not DE
EVM0003225	LGUn	60S ribosomal protein L21-2-	not DE	not DE	not DE	not DE
EVM0012688	LGUn	60S ribosomal protein L27a-3	not DE	not DE	not DE	not DE
EVM0008952	LGUn	60S ribosomal protein L9-lik	not DE	not DE	not DE	not DE
EVM0005900	LGUn	ABC transporter A family mem	not DE	not DE	not DE	not DE
EVM0007441	LGUn	ABC transporter A family mem	not DE	not DE	not DE	not DE
EVM0020084	LGUn	ABC transporter G family mem	not DE	not DE	not DE	not DE
EVM0024625	LGUn	ABC transporter G family mem	not DE	not DE	not DE	not DE
EVM0017265	LGUn	ABC transporter G family mem	not DE	not DE	not DE	not DE
EVM0018345	LGUn	ADP-ribosylation factor 1-li	not DE	not DE	not DE	not DE
EVM0016419	LGUn	ATP synthase gamma chain, ch	not DE	not DE	not DE	not DE
EVM0009487	LGUn	CBS domain-containing protei	not DE	not DE	not DE	not DE
EVM0016466	LGUn	CBS domain-containing protei	not DE	not DE	not DE	not DE
EVM0019388	LGUn	CBS domain-containing protei	not DE	not DE	not DE	not DE
EVM0017557	LGUn	COBRA-like protein 6-like	not DE	not DE	not DE	not DE
EVM0024046	LGUn	CRC domain-containing protei	not DE	not DE	not DE	not DE
EVM0000382	LGUn	CWF19-like protein 2-like	not DE	not DE	not DE	not DE
EVM0020851	LGUn	DAG protein, chloroplastic-l	not DE	not DE	not DE	not DE
EVM0001699	LGUn	DNA damage-binding protein l	not DE	not DE	not DE	not DE
EVM0020057	LGUn	DNA polymerase zeta catalyti	not DE	not DE	not DE	not DE
EVM0021244	LGUn	DNA primase small subunit-li	not DE	not DE	not DE	not DE
EVM0014436	LGUn	DNA repair and recombination	not DE	not DE	not DE	not DE
EVM0011154	LGUn	DNA topoisomerase 3-alpha-li	not DE	not DE	not DE	not DE
EVM0002291	LGUn	DNA-directed RNA polymerase	not DE	not DE	not DE	not DE
EVM0000302	LGUn	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0002712	LGUn	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0006147	LGUn	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0020732	LGUn	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0000254	LGUn	E3 ubiquitin-protein ligase	not DE	not DE	not DE	not DE
EVM0008489	LGUn	ENHANCER OF AG-4 protein 2-l	not DE	not DE	not DE	not DE
EVM0007447	LGUn	ER membrane protein complex	not DE	not DE	not DE	not DE
EVM0004973	LGUn	F-box protein CPR30-like	not DE	not DE	not DE	not DE
EVM0011325	LGUn	F-box protein CPR30-like	not DE	not DE	not DE	not DE
EVM0024301	LGUn	F-box protein CPR30-like	not DE	not DE	not DE	not DE
EVM0009272	LGUn	F-box protein CPR30-like isc	not DE	not DE	not DE	not DE
EVM0024074	LGUn	F-box protein CPR30-like isc	not DE	not DE	not DE	not DE
EVM0012346	LGUn	F-box/LRR-repeat protein At4	not DE	not DE	not DE	not DE
EVM0012989	LGUn	G patch domain-containing pr	not DE	not DE	not DE	not DE
EVM0000552	LGUn	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0016251	LGUn	G-type lectin S-receptor-lik	not DE	not DE	not DE	not DE
EVM0010922	LGUn	GDP-mannose transporter GONS	not DE	not DE	not DE	not DE
EVM0013079	LGUn	GDP-mannose transporter GONS	not DE	not DE	not DE	not DE
EVM0024640	LGUn	GDP-mannose transporter GONS	not DE	not DE	not DE	not DE
EVM0009725	LGUn	GDP-mannose transporter GONS	not DE	not DE	not DE	not DE
EVM0010318	LGUn	GDSL esterase/lipase At5g036	not DE	not DE	not DE	not DE
EVM0011024	LGUn	GDSL esterase/lipase At5g036	not DE	not DE	not DE	not DE
EVM0004420	LGUn	GDSL esterase/lipase At5g144	not DE	not DE	not DE	not DE
EVM0013956	LGUn	GDSL esterase/lipase At5g144	not DE	not DE	not DE	not DE
EVM0008822	LGUn	L-ascorbate oxidase-like	not DE	not DE	not DE	not DE
EVM0011494	LGUn	LOB domain-containing protei	not DE	not DE	not DE	not DE

EVM0015260	LGUn	LOW QUALITY PROTEIN: N-acetyl	not DE	not DE	not DE	not DE
EVM0006467	LGUn	LOW QUALITY PROTEIN: unchara	not DE	not DE	not DE	not DE
EVM0010205	LGUn	NADH dehydrogenase	not DE	not DE	not DE	not DE
EVM0002380	LGUn	O-acyltransferase WSD1-like	not DE	not DE	not DE	not DE
EVM0022171	LGUn	O-acyltransferase WSD1-like	not DE	not DE	not DE	not DE
EVM0018679	LGUn	PTI1-like tyrosine-protein k	not DE	not DE	not DE	not DE
EVM0022203	LGUn	RING-H2 finger protein ATL52	not DE	not DE	not DE	not DE
EVM0020695	LGUn	RNA-binding protein 8A-like	not DE	not DE	not DE	not DE
EVM0024379	LGUn	RNA-binding protein 8A-like	not DE	not DE	not DE	not DE
EVM0011863	LGUn	SPX and EXS domain-containin	not DE	not DE	not DE	not DE
EVM0016610	LGUn	SPX domain-containing membra	not DE	not DE	not DE	not DE
EVM0022734	LGUn	TMV resistance protein N-lik	not DE	not DE	not DE	not DE
EVM0000821	LGUn	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0009222	LGUn	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0010195	LGUn	U-box domain-containing prot	not DE	not DE	not DE	not DE
EVM0000822	LGUn	U1 small nuclear ribonucleop	not DE	not DE	not DE	not DE
EVM0000130	LGUn	UDP-glucuronate:xylan alpha-	not DE	not DE	not DE	not DE
EVM0012883	LGUn	UPF0483 protein CG5412-like	not DE	not DE	not DE	not DE
EVM0012375	LGUn	WD repeat-containing protein	not DE	not DE	not DE	not DE
EVM0021144	LGUn	WD repeat-containing protein	not DE	not DE	not DE	not DE
EVM0003579	LGUn	Werner syndrome ATP-dependen	not DE	not DE	not DE	not DE
EVM0004942	LGUn	acetyl-CoA-benzylalcohol ace	not DE	not DE	not DE	not DE
EVM0002092	LGUn	acyl-CoA-binding protein	not DE	not DE	not DE	not DE
EVM0022896	LGUn	aldose 1-epimerase-like	not DE	not DE	not DE	not DE
EVM0024458	LGUn	alpha-1,6-mannosyl-glycoprot	not DE	not DE	not DE	not DE
EVM0016137	LGUn	alpha-farnesene synthase-lik	not DE	not DE	not DE	not DE
EVM0006703	LGUn	anaphase-promoting complex s	not DE	not DE	not DE	not DE
EVM0006929	LGUn	ankyrin repeat-containing pr	not DE	not DE	not DE	not DE
EVM0013199	LGUn	argininosuccinate lyase, chl	not DE	not DE	not DE	not DE
EVM0021929	LGUn	argininosuccinate lyase, chl	not DE	not DE	not DE	not DE
EVM0011151	LGUn	aspartic proteinase Asp1-lik	not DE	not DE	not DE	not DE
EVM0001286	LGUn	beta-galactosidase 16-like	not DE	not DE	not DE	not DE
EVM0001365	LGUn	beta-glucosidase 44-like	not DE	not DE	not DE	not DE
EVM0013546	LGUn	beta-glucosidase 44-like	not DE	not DE	not DE	not DE
EVM0015808	LGUn	bifunctional 3-dehydroquinat	not DE	not DE	not DE	not DE
EVM0011080	LGUn	bifunctional riboflavin bios	not DE	not DE	not DE	not DE
EVM0004449	LGUn	biogenesis of lysosome-relat	not DE	not DE	not DE	not DE
EVM0019184	LGUn	biogenesis of lysosome-relat	not DE	not DE	not DE	not DE
EVM0007521	LGUn	biorientation of chromosomes	not DE	not DE	not DE	not DE
EVM0011775	LGUn	biorientation of chromosomes	not DE	not DE	not DE	not DE
EVM0013138	LGUn	biorientation of chromosomes	not DE	not DE	not DE	not DE
EVM0009914	LGUn	calcium-dependent protein ki	not DE	not DE	not DE	not DE
EVM0009519	LGUn	calponin homology domain-con	not DE	not DE	-1.39341	0.00072
EVM0000062	LGUn	calvin cycle protein CPI2-1,	not DE	not DE	not DE	not DE
EVM0013178	LGUn	cell wall protein AWA1-like	not DE	not DE	not DE	not DE
EVM0015530	LGUn	cellulose synthase A catalyt	not DE	not DE	not DE	not DE
EVM0002682	LGUn	centromere-associated protei	not DE	not DE	not DE	not DE
EVM0023484	LGUn	centrosomal protein of 83 kD	not DE	not DE	not DE	not DE
EVM0004566	LGUn	chaperone protein ClpB1	not DE	not DE	not DE	not DE
EVM0003859	LGUn	chlorophyll(ide) b reductase	not DE	not DE	not DE	not DE
EVM0018042	LGUn	choline monooxygenase, chlor	not DE	not DE	not DE	not DE
EVM0007205	LGUn	chromosome-associated kinesin	not DE	not DE	not DE	not DE
EVM0020629	LGUn	chromosome-associated kinesin	not DE	not DE	not DE	not DE
EVM0003012	LGUn	classical arabinogalactan pr	not DE	not DE	not DE	not DE

EVM0020686	LGUn	classical arabinogalactan pr	not DE	not DE	not DE	not DE
EVM0004166	LGUn	classical arabinogalactan pr	not DE	not DE	not DE	not DE
EVM0006506	LGUn	clathrin light chain 3-like	not DE	not DE	not DE	not DE
EVM0014944	LGUn	cleavage and polyadenylation	not DE	not DE	not DE	not DE
EVM0002828	LGUn	cold-inducible RNA-binding p	not DE	not DE	not DE	not DE
EVM0000905	LGUn	cyclin-B2-4-like	not DE	not DE	not DE	not DE
EVM0018905	LGUn	cyclin-D2-1	not DE	not DE	not DE	not DE
EVM0011032	LGUn	cyclin-dependent kinase inh	not DE	not DE	not DE	not DE
EVM0005243	LGUn	cytokinin riboside 5&apos;m	not DE	not DE	not DE	not DE
EVM0014912	LGUn	cytosolic sulfotransferase l	not DE	not DE	not DE	not DE
EVM0020885	LGUn	dehydration-responsive elem	not DE	not DE	not DE	not DE
EVM0020672	LGUn	dehydration-responsive elem	not DE	not DE	not DE	not DE
EVM0007232	LGUn	dentin sialophosphoprotein-l	not DE	not DE	not DE	not DE
EVM0022886	LGUn	dentin sialophosphoprotein-l	not DE	not DE	not DE	not DE
EVM0020760	LGUn	dnaJ homolog subfamily B mem	-3.71319	1.02E-15	-2.05072	#####
EVM0016139	LGUn	dol-P-Man:Man(7)GlcNAc(2)-PP	not DE	not DE	not DE	not DE
EVM0002866	LGUn	dynein light chain 2, cytopl	not DE	not DE	not DE	not DE
EVM0003030	LGUn	elongation factor G, chlorop	not DE	not DE	not DE	not DE
EVM0008797	LGUn	embryogenesis-associated pro	not DE	not DE	not DE	not DE
EVM0015403	LGUn	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0019345	LGUn	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0023024	LGUn	ethylene-responsive transcri	not DE	not DE	not DE	not DE
EVM0016798	LGUn	eukaryotic peptide chain rel	1.634157	0.049632	not DE	not DE
EVM0001877	LGUn	eukaryotic translation initi	not DE	not DE	not DE	not DE
EVM0013900	LGUn	eukaryotic translation initi	not DE	not DE	not DE	not DE
EVM0017961	LGUn	exocyst complex component EX	not DE	not DE	not DE	not DE
EVM0024514	LGUn	exocyst complex component SE	not DE	not DE	not DE	not DE
EVM0003423	LGUn	exopolygalacturonase-like	not DE	not DE	not DE	not DE
EVM0006484	LGUn	expansin-A4-like	not DE	not DE	not DE	not DE
EVM0019256	LGUn	expansin-like A1-like	not DE	not DE	not DE	not DE
EVM0023360	LGUn	exportin-4-like isoform X4	not DE	not DE	not DE	not DE
EVM0023519	LGUn	fatty-acid-binding protein l	not DE	not DE	not DE	not DE
EVM0018911	LGUn	ferredoxin-3, chloroplasti	not DE	not DE	not DE	not DE
EVM0008725	LGUn	formin-like protein 20	-1.11461	0.007952	not DE	not DE
EVM0010477	LGUn	geraniol 8-hydroxylase-like	not DE	not DE	not DE	not DE
EVM0016118	LGUn	geraniol 8-hydroxylase-like	not DE	not DE	not DE	not DE
EVM0022260	LGUn	geraniol 8-hydroxylase-like	not DE	not DE	not DE	not DE
EVM0001389	LGUn	glucose-6-phosphate/phosphat	not DE	not DE	not DE	not DE
EVM0010906	LGUn	glutamate receptor 2.8-like	not DE	not DE	not DE	not DE
EVM0019978	LGUn	glycerophosphodiester phosph	not DE	not DE	not DE	not DE
EVM0018994	LGUn	glycine-rich RNA-binding pro	not DE	not DE	not DE	not DE
EVM0013094	LGUn	glycine-rich RNA-binding pro	not DE	not DE	not DE	not DE
EVM0023427	LGUn	glycoprotein 3-alpha-L-fucos	not DE	not DE	not DE	not DE
EVM0017585	LGUn	heat shock cognate 70 kDa pr	not DE	not DE	not DE	not DE
EVM0015064	LGUn	heat stress transcription fa	not DE	not DE	not DE	not DE
EVM0002850	LGUn	histidine--tRNA ligase, cyto	not DE	not DE	not DE	not DE
EVM0009385	LGUn	histone H2AX-like	not DE	not DE	not DE	not DE
EVM0022589	LGUn	homogentisate phytyltransfer	not DE	not DE	not DE	not DE
EVM0003735	LGUn	inner centromere protein-lik	not DE	not DE	not DE	not DE
EVM0019132	LGUn	inositol-phosphate phosphata	not DE	not DE	not DE	not DE
EVM0016803	LGUn	integrator complex subunit 3	not DE	not DE	not DE	not DE
EVM0004218	LGUn	isoamylase 3, chloroplasti	not DE	not DE	not DE	not DE
EVM0008559	LGUn	kinesin-like calmodulin-bind	not DE	not DE	not DE	not DE
EVM0018339	LGUn	kinesin-like calmodulin-bind	not DE	not DE	not DE	not DE

EVM0015764	LGUn	kinesin-like protein KIF18B-	not DE	not DE	not DE	not DE
EVM0013673	LGUn	leucoanthocyanidin dioxygenase	not DE	not DE	not DE	not DE
EVM0012264	LGUn	linoleate 13S-lipoxygenase 3	not DE	not DE	not DE	not DE
EVM0003732	LGUn	lysine--tRNA ligase	not DE	not DE	not DE	not DE
EVM0019354	LGUn	magnesium transporter MRS2-I	not DE	not DE	not DE	not DE
EVM0014345	LGUn	mavicyanin-like	not DE	not DE	not DE	not DE
EVM0023290	LGUn	mavicyanin-like	not DE	not DE	not DE	not DE
EVM0017292	LGUn	mediator of RNA polymerase I	not DE	not DE	not DE	not DE
EVM0000943	LGUn	mediator of RNA polymerase I	not DE	not DE	not DE	not DE
EVM0005402	LGUn	methionine S-methyltransferase	not DE	not DE	not DE	not DE
EVM0016794	LGUn	methylthioribose kinase-like	not DE	not DE	not DE	not DE
EVM0003308	LGUn	mitochondrial protein import	not DE	not DE	not DE	not DE
EVM0012659	LGUn	mitochondrial protein import	not DE	not DE	not DE	not DE
EVM0021779	LGUn	mitochondrial protein import	not DE	not DE	not DE	not DE
EVM0024436	LGUn	mitogen-activated protein kinase	not DE	not DE	not DE	not DE
EVM0023352	LGUn	nucleolysin TIAR-like	not DE	not DE	not DE	not DE
EVM0003384	LGUn	nudix hydrolase 14, chloroplast	not DE	not DE	not DE	not DE
EVM0020934	LGUn	ocs element-binding factor 1	not DE	not DE	not DE	not DE
EVM0016599	LGUn	p21-activated protein kinase	not DE	not DE	not DE	not DE
EVM0002241	LGUn	patatin group M-2-like	not DE	not DE	not DE	not DE
EVM0001711	LGUn	pathogenesis-related homeodomain	not DE	not DE	not DE	not DE
EVM0013980	LGUn	pectinesterase 2	not DE	not DE	not DE	not DE
EVM0021437	LGUn	pentatricopeptide repeat-conn	not DE	not DE	not DE	not DE
EVM0012039	LGUn	pentatricopeptide repeat-conn	not DE	not DE	not DE	not DE
EVM0024212	LGUn	pentatricopeptide repeat-conn	not DE	not DE	not DE	not DE
EVM0021173	LGUn	pentatricopeptide repeat-conn	not DE	not DE	not DE	not DE
EVM0004622	LGUn	pentatricopeptide repeat-conn	not DE	not DE	not DE	not DE
EVM0023318	LGUn	pentatricopeptide repeat-conn	not DE	not DE	not DE	not DE
EVM0023710	LGUn	pentatricopeptide repeat-conn	not DE	not DE	not DE	not DE
EVM0015315	LGUn	pentatricopeptide repeat-conn	not DE	not DE	not DE	not DE
EVM0002471	LGUn	pentatricopeptide repeat-conn	not DE	not DE	not DE	not DE
EVM0000285	LGUn	pentatricopeptide repeat-conn	not DE	not DE	not DE	not DE
EVM0009195	LGUn	pentatricopeptide repeat-conn	not DE	not DE	not DE	not DE
EVM0013554	LGUn	pentatricopeptide repeat-conn	not DE	not DE	not DE	not DE
EVM0015121	LGUn	peroxidase A2-like	not DE	not DE	not DE	not DE
EVM0021258	LGUn	peroxidase A2-like	not DE	not DE	not DE	not DE
EVM0012794	LGUn	phosphatidylinositol 4-phosph	not DE	not DE	not DE	not DE
EVM0004202	LGUn	phosphatidylinositol 4-phosph	not DE	not DE	not DE	not DE
EVM0022825	LGUn	phosphatidylinositol/phosphat	not DE	not DE	not DE	not DE
EVM0005743	LGUn	phosphoenolpyruvate/phosphat	not DE	not DE	not DE	not DE
EVM0019979	LGUn	phosphoribulokinase, chlorop	not DE	not DE	not DE	not DE
EVM0018628	LGUn	pistil-specific extensin-like	not DE	not DE	not DE	not DE
EVM0024300	LGUn	polyglutamine-binding protein	not DE	not DE	not DE	not DE
EVM0020313	LGUn	polyol transporter 5-like	not DE	not DE	not DE	not DE
EVM0024473	LGUn	polyubiquitin-like isoform X	not DE	not DE	not DE	not DE
EVM0015814	LGUn	probable ADP-ribosylation fact	not DE	not DE	not DE	not DE
EVM0022819	LGUn	probable BOI-related E3 ubiqu	not DE	not DE	not DE	not DE
EVM0008155	LGUn	probable LRR receptor-like s	not DE	not DE	not DE	not DE
EVM0011128	LGUn	probable WRKY transcription	not DE	not DE	not DE	not DE
EVM0006042	LGUn	probable acyl-activating enz	not DE	not DE	not DE	not DE
EVM0014010	LGUn	probable beta-1,3-galactosyl	not DE	not DE	not DE	not DE
EVM0014152	LGUn	probable copper-transporting	not DE	not DE	not DE	not DE
EVM0013363	LGUn	probable cyclic nucleotide-g	not DE	not DE	not DE	not DE
EVM0018542	LGUn	probable glycosyltransferase	not DE	not DE	not DE	not DE

EVM0014065	LGUn	probable histone H2A variant	not DE	not DE	not DE	not DE
EVM0014096	LGUn	probable lipid-A-disaccharid	not DE	not DE	not DE	not DE
EVM0014986	LGUn	probable methionine--tRNA li	not DE	not DE	not DE	not DE
EVM0014600	LGUn	probable methyltransferase P	not DE	not DE	not DE	not DE
EVM0005410	LGUn	probable methyltransferase P	not DE	not DE	not DE	not DE
EVM0007693	LGUn	probable methyltransferase P	not DE	not DE	not DE	not DE
EVM0013208	LGUn	probable polygalacturonase n	not DE	not DE	not DE	not DE
EVM0007581	LGUn	probable protein phosphatase	not DE	not DE	not DE	not DE
EVM0016730	LGUn	probable receptor-like prote	not DE	not DE	not DE	not DE
EVM0009539	LGUn	probable serine/threonine pr	not DE	not DE	not DE	not DE
EVM0007445	LGUn	probable serine/threonine-pr	not DE	not DE	not DE	not DE
EVM0009503	LGUn	probable xyloglucan endotran	not DE	not DE	not DE	not DE
EVM0024261	LGUn	probably inactive leucine-ri	not DE	not DE	not DE	not DE
EVM0020163	LGUn	protein FAM91A1	not DE	not DE	not DE	not DE
EVM0022535	LGUn	protein FAR-RED IMPAIRED RES	not DE	not DE	not DE	not DE
EVM0007797	LGUn	protein GLUTAMINE DUMPER 1-l	not DE	not DE	not DE	not DE
EVM0010293	LGUn	protein IRX15-like	not DE	not DE	not DE	not DE
EVM0016604	LGUn	protein RALF-like 19	not DE	not DE	not DE	not DE
EVM0017784	LGUn	protein ROOT PRIMORDIUM DEFE	not DE	not DE	not DE	not DE
EVM0024064	LGUn	protein TIC 40, chloroplasti	not DE	not DE	not DE	not DE
EVM0004823	LGUn	protein disulfide isomerase-	not DE	not DE	not DE	not DE
EVM0017399	LGUn	protein kinase PVPK-1-like	not DE	not DE	not DE	not DE
EVM0003425	LGUn	protein odr-4 homolog	not DE	not DE	not DE	not DE
EVM0009228	LGUn	protein strawberry notch-lik	not DE	not DE	not DE	not DE
EVM0022241	LGUn	protochlorophyllide-dependen	not DE	not DE	not DE	not DE
EVM0000214	LGUn	putative M025-like protein A	6.220579	0.000401	not DE	not DE
EVM0016478	LGUn	putative S-adenosyl-L-methio	not DE	not DE	not DE	not DE
EVM0003159	LGUn	putative disease resistance	not DE	not DE	not DE	not DE
EVM0011129	LGUn	putative exosome complex com	not DE	not DE	not DE	not DE
EVM0001098	LGUn	putative glucose-6-phosphate	not DE	not DE	not DE	not DE
EVM0011450	LGUn	putative glucuronosyltransfe	not DE	not DE	not DE	not DE
EVM0000644	LGUn	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0009631	LGUn	putative pentatricopeptide r	not DE	not DE	not DE	not DE
EVM0011996	LGUn	putative receptor-like prote	not DE	not DE	not DE	not DE
EVM0002937	LGUn	putative tyrosine-protein ph	not DE	not DE	not DE	not DE
EVM0022017	LGUn	putative uncharacterized pro	not DE	not DE	not DE	not DE
EVM0006882	LGUn	pyridoxal biosynthesis prote	not DE	not DE	not DE	not DE
EVM0004194	LGUn	ras-related protein Rab11C-l	not DE	not DE	not DE	not DE
EVM0000651	LGUn	receptor-like protein kinase	not DE	not DE	not DE	not DE
EVM0023997	LGUn	receptor-like protein kinase	not DE	not DE	not DE	not DE
EVM0002593	LGUn	receptor-like protein kinase	not DE	not DE	not DE	not DE
EVM0005962	LGUn	regulator of nonsense transcr	not DE	not DE	not DE	not DE
EVM0009260	LGUn	regulator of nonsense transcr	not DE	not DE	not DE	not DE
EVM0014414	LGUn	regulator of nonsense transcr	not DE	not DE	not DE	not DE
EVM0019961	LGUn	regulator of nonsense transcr	not DE	not DE	not DE	not DE
EVM0021018	LGUn	regulator of nonsense transcr	not DE	not DE	not DE	not DE
EVM0004993	LGUn	rhodanese-like/PpiC domain-c	not DE	not DE	not DE	not DE
EVM0024494	LGUn	ribokinase-like isoform X3	not DE	not DE	not DE	not DE
EVM0004995	LGUn	secologanin synthase-like	not DE	not DE	not DE	not DE
EVM0023629	LGUn	serine carboxypeptidase 24-l	not DE	not DE	not DE	not DE
EVM0023931	LGUn	serine carboxypeptidase 24-l	not DE	not DE	not DE	not DE
EVM0009788	LGUn	serine carboxypeptidase-like	not DE	not DE	not DE	not DE
EVM0022284	LGUn	serine carboxypeptidase-like	not DE	not DE	not DE	not DE
EVM0000091	LGUn	serine/threonine-protein kin	not DE	not DE	not DE	not DE

EVM0021618	LGUn	serine/threonine-protein kinase	not DE	not DE	not DE	not DE
EVM0019080	LGUn	serine/threonine-protein phosphatase	not DE	not DE	not DE	not DE
EVM0022758	LGUn	set1/Ash2 histone methyltransferase	not DE	not DE	not DE	not DE
EVM0023894	LGUn	shaggy-related protein kinase	not DE	not DE	not DE	not DE
EVM0012836	LGUn	sister chromatid cohesion protein 2	585961	0.005611	not DE	not DE
EVM0003845	LGUn	sodium channel and clathrin-binding protein	not DE	not DE	not DE	not DE
EVM0024350	LGUn	soluble starch synthase 3, chloroplast	not DE	not DE	not DE	not DE
EVM0002861	LGUn	splicing factor 3A subunit 2	not DE	not DE	not DE	not DE
EVM0002367	LGUn	structural maintenance of chromosomes protein 1	not DE	not DE	not DE	not DE
EVM0012191	LGUn	subtilisin-like protease-like protein	not DE	not DE	not DE	not DE
EVM0023424	LGUn	superoxide dismutase	not DE	not DE	not DE	not DE
EVM0017950	LGUn	synaptonemal complex protein	not DE	not DE	not DE	not DE
EVM0014241	LGUn	tRNA (adenine(58)-N(1))-methylesterase	not DE	not DE	not DE	not DE
EVM0007636	LGUn	tRNA 2'-phosphotransferase	not DE	not DE	not DE	not DE
EVM0008825	LGUn	tRNA wybutosine-synthesizing enzyme	not DE	not DE	not DE	not DE
EVM0009400	LGUn	telomere repeat-binding factor 1	not DE	not DE	not DE	not DE
EVM0015565	LGUn	thaumatin-like protein 1-like protein	not DE	not DE	not DE	not DE
EVM0003120	LGUn	threonine synthase, chloroplast	not DE	not DE	not DE	not DE
EVM0017866	LGUn	topless-related protein 3-like protein	not DE	not DE	not DE	not DE
EVM0015990	LGUn	transcription factor BIM1-like protein	not DE	not DE	not DE	not DE
EVM0021719	LGUn	transcription factor BIM1-like protein	not DE	not DE	not DE	not DE
EVM0021001	LGUn	transcription factor CPC-like protein	not DE	not DE	not DE	not DE
EVM0020390	LGUn	transcription factor MYB39-like protein	not DE	not DE	not DE	not DE
EVM0023446	LGUn	transcription factor bHLH47-like protein	not DE	not DE	not DE	not DE
EVM0018012	LGUn	transcription factor bHLH96-like protein	not DE	not DE	not DE	not DE
EVM0017078	LGUn	transcription factor-like protein	not DE	not DE	not DE	not DE
EVM0005267	LGUn	transcription initiation factor 1	not DE	not DE	not DE	not DE
EVM0018953	LGUn	transmembrane protein 184C-like protein	not DE	not DE	not DE	not DE
EVM0010748	LGUn	transmembrane protein 56 isoform 1	not DE	not DE	not DE	not DE
EVM0004563	LGUn	trehalase-like isoform X2	not DE	not DE	not DE	not DE
EVM0024626	LGUn	type I inositol 1,4,5-trisphosphate 3-kinase	not DE	not DE	not DE	not DE
EVM0017912	LGUn	tyrosine--tRNA ligase, cytoplasmic	not DE	not DE	not DE	not DE
EVM0016661	LGUn	ubiquitin receptor RAD23b-like protein	not DE	not DE	not DE	not DE
EVM0021585	LGUn	ubiquitin-conjugating enzyme E2	not DE	not DE	not DE	not DE
EVM0014661	LGUn	ubiquitin-like protein 5	not DE	not DE	not DE	not DE
EVM0003053	LGUn	ubiquitin-like protein ATG12	not DE	not DE	not DE	not DE
EVM0007781	LGUn	ubiquitin-related modifier 1	not DE	not DE	not DE	not DE
EVM0000985	LGUn	uncharacterized membrane protein	not DE	not DE	not DE	not DE
EVM0019905	LGUn	uncharacterized protein At1g10200	not DE	not DE	not DE	not DE
EVM0010785	LGUn	uncharacterized protein At1g10200	not DE	not DE	not DE	not DE
EVM0020897	LGUn	uncharacterized protein At2g10200	not DE	not DE	not DE	not DE
EVM0008791	LGUn	uncharacterized protein At3g10200	not DE	not DE	not DE	not DE
EVM0004000	LGUn	uncharacterized protein At4g10200	not DE	not DE	not DE	not DE
EVM0013063	LGUn	uncharacterized protein At4g10200	not DE	not DE	not DE	not DE
EVM0006773	LGUn	uncharacterized protein C6C3	not DE	not DE	not DE	not DE
EVM0001455	LGUn	uncharacterized protein LOC101928200	not DE	not DE	not DE	not DE
EVM0020772	LGUn	uncharacterized protein LOC101928200	not DE	not DE	not DE	not DE
EVM0012433	LGUn	uncharacterized protein LOC101928200	not DE	not DE	not DE	not DE
EVM0017672	LGUn	uncharacterized protein LOC101928200	not DE	not DE	not DE	not DE
EVM0010920	LGUn	uncharacterized protein LOC101928200	not DE	not DE	not DE	not DE
EVM0009467	LGUn	uncharacterized protein LOC101928200	not DE	not DE	not DE	not DE
EVM0016182	LGUn	uncharacterized protein LOC101928200	not DE	not DE	not DE	not DE
EVM0012334	LGUn	uncharacterized protein LOC101928200	not DE	not DE	not DE	not DE
EVM0007368	LGUn	uncharacterized protein LOC101928200	not DE	not DE	not DE	not DE





EVM0014130	LGUn	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006058	LGUn	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0001340	LGUn	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002693	LGUn	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016583	LGUn	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007806	LGUn	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016753	LGUn	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0003047	LGUn	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0002415	LGUn	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0010200	LGUn	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0014555	LGUn	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0022545	LGUn	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0013655	LGUn	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0016410	LGUn	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0007126	LGUn	uncharacterized protein LOC1	not DE	not DE	not DE	not DE
EVM0006710	LGUn	uncharacterized transporter	not DE	not DE	not DE	not DE
EVM0019426	LGUn	uridine kinase-like protein	not DE	not DE	not DE	not DE
EVM0010081	LGUn	vacuolar-processing enzyme-l	not DE	not DE	not DE	not DE
EVM0007462	LGUn	vicianin hydrolase-like	not DE	not DE	not DE	not DE
EVM0002180	LGUn	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0012055	LGUn	wall-associated receptor kin	not DE	not DE	not DE	not DE
EVM0016068	LGUn	xanthine dehydrogenase 1-lik	not DE	not DE	not DE	not DE
EVM0004177	LGUn	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0021193	LGUn	zinc finger CCCH domain-cont	not DE	not DE	4. 473831	0. 00036
EVM0007400	LGUn	zinc finger CCCH domain-cont	not DE	not DE	not DE	not DE
EVM0020288	LGUn	zinc finger protein 4-like	not DE	not DE	not DE	not DE
EVM0015041	LGUn	zinc finger protein 593 hom	not DE	not DE	not DE	not DE
EVM0010116	LGUn	zinc finger protein CONSTANS	not DE	not DE	not DE	not DE
EVM0016065	LGUn	1,6-rhamnosyltransferase	not DE	not DE	not DE	not DE
EVM0003373	LGUn	14 kDa proline-rich protein D	not DE	not DE	not DE	not DE
EVM0008759	LGUn	3-hydroxy-3-methylglutaryl co	not DE	not DE	not DE	not DE
EVM0001983	LGUn	40S ribosomal protein S16A	not DE	not DE	not DE	not DE
EVM0001475	LGUn	6-phosphofructokinase 3	not DE	not DE	not DE	not DE
EVM0005342	LGUn	ABC transporter family protei	not DE	not DE	not DE	not DE
EVM0019550	LGUn	ABC transporter family protei	not DE	not DE	not DE	not DE
EVM0024395	LGUn	ACD1-like	not DE	not DE	not DE	not DE
EVM0004588	LGUn	AP2 domain-containing transcr	not DE	not DE	not DE	not DE
EVM0018636	LGUn	AP2/ERF domain-containing tra	not DE	not DE	not DE	not DE
EVM0000248	LGUn	ASH1-related protein 2, putat	not DE	not DE	not DE	not DE
EVM0018079	LGUn	AT-hook DNA-binding family pr	not DE	not DE	not DE	not DE
EVM0003795	LGUn	Abscisic acid &apos;-hydroxy	not DE	not DE	not DE	not DE
EVM0023018	LGUn	Actin-like ATPase superfamily	not DE	not DE	not DE	not DE
EVM0013773	LGUn	Actin-related protein 7 isof	not DE	not DE	not DE	not DE
EVM0002485	LGUn	Alpha carbonic anhydrase 7 is	not DE	not DE	not DE	not DE
EVM0007869	LGUn	Alpha carbonic anhydrase 7 is	not DE	not DE	not DE	not DE
EVM0021446	LGUn	Alpha carbonic anhydrase 7 is	not DE	not DE	not DE	not DE
EVM0013568	LGUn	Ankyrin repeat family protei	not DE	not DE	not DE	not DE
EVM0001585	LGUn	Ankyrin repeat-containing pro	not DE	not DE	not DE	not DE
EVM0000776	LGUn	Annexin-like protein RJ4 isof	not DE	not DE	not DE	not DE
EVM0015174	LGUn	Ataxia-telangiectasia mutated	not DE	not DE	not DE	not DE
EVM0001297	LGUn	BZIP transcription factor fam	not DE	not DE	not DE	not DE
EVM0024584	LGUn	Basic helix-loop-helix DNA-bi	not DE	not DE	not DE	not DE
EVM0001803	LGUn	Basic helix-loop-helix DNA-bi	not DE	not DE	not DE	not DE
EVM0013975	LGUn	Basic helix-loop-helix DNA-bi	not DE	not DE	not DE	not DE

EVM0012095	LGUn	Basic pentacysteine 7, putative	not DE	not DE	not DE	not DE
EVM0005884	LGUn	Beta glucosidase 41 isoform 1	not DE	not DE	not DE	not DE
EVM0001050	LGUn	BnaC04g34550D	not DE	not DE	not DE	not DE
EVM0024385	LGUn	C2H2 and C2HC zinc fingers superfamily	not DE	not DE	not DE	not DE
EVM0008540	LGUn	CONSTANS-like 4	not DE	not DE	not DE	not DE
EVM0018183	LGUn	Cak assembly factor, putative	not DE	not DE	not DE	not DE
EVM0020414	LGUn	Calmegin	2.438058	0.004106	not DE	not DE
EVM0010952	LGUn	Carbohydrate-binding X8 domain	not DE	not DE	not DE	not DE
EVM0008927	LGUn	Coiled-coil domain-containing protein	not DE	not DE	not DE	not DE
EVM0016773	LGUn	Copper binding protein 9, putative	not DE	not DE	not DE	not DE
EVM0016578	LGUn	Cyclin-like family protein	not DE	not DE	not DE	not DE
EVM0013234	LGUn	Cys/Met metabolism pyridoxal-5-phosphate	not DE	not DE	not DE	not DE
EVM0007042	LGUn	Cysteine/Histidine-rich C1 domain	not DE	not DE	not DE	not DE
EVM0009435	LGUn	Cytochrome P450, family 706, subfamily 1	not DE	not DE	not DE	not DE
EVM0018798	LGUn	Cytochrome P450, family 706, subfamily 2	not DE	not DE	not DE	not DE
EVM0020722	LGUn	Cytochrome c oxidase polypeptide I	not DE	not DE	not DE	not DE
EVM0015299	LGUn	DNA-directed RNA polymerase I	not DE	not DE	not DE	not DE
EVM0012122	LGUn	DNA-directed RNA polymerase subunit 1	not DE	not DE	not DE	not DE
EVM0016287	LGUn	Derlin-2, putative	not DE	not DE	not DE	not DE
EVM0014745	LGUn	Dof-type zinc finger DNA-binding protein	not DE	not DE	not DE	not DE
EVM0011330	LGUn	Drought-responsive family protein	not DE	not DE	not DE	not DE
EVM0001698	LGUn	Duplicated homeodomain-like sequence	not DE	not DE	not DE	not DE
EVM0008454	LGUn	ELF4-like 4	not DE	not DE	not DE	not DE
EVM0008189	LGUn	Epidermal growth factor receptor	not DE	not DE	not DE	not DE
EVM0020873	LGUn	Extra-large GTP-binding protein	not DE	not DE	not DE	not DE
EVM0001388	LGUn	F1504.13	not DE	not DE	not DE	not DE
EVM0004671	LGUn	Fatty acid amide hydrolase	not DE	not DE	not DE	not DE
EVM0013459	LGUn	Fatty acid amide hydrolase	not DE	not DE	not DE	not DE
EVM0015023	LGUn	Fatty acid amide hydrolase	not DE	not DE	not DE	not DE
EVM0015633	LGUn	Fatty acid amide hydrolase	not DE	not DE	not DE	not DE
EVM0013031	LGUn	Fimbriata	not DE	not DE	not DE	not DE
EVM0017575	LGUn	Fimbriata	not DE	not DE	not DE	not DE
EVM0018891	LGUn	Fimbriata	not DE	not DE	not DE	not DE
EVM0024465	LGUn	Fimbriata	not DE	not DE	not DE	not DE
EVM0002540	LGUn	Folic acid and derivative biosynthesis	not DE	not DE	not DE	not DE
EVM0021925	LGUn	GDSL-motif lipase 7	not DE	not DE	not DE	not DE
EVM0000326	LGUn	GPN-loop GTPase 2	not DE	not DE	not DE	not DE
EVM0008807	LGUn	GRAS54 protein	not DE	not DE	not DE	not DE
EVM0023195	LGUn	GRAS54 protein	not DE	not DE	not DE	not DE
EVM0009701	LGUn	Glutamate receptor 2.7, putative	not DE	not DE	not DE	not DE
EVM0002553	LGUn	HVA22-like protein a, putative	not DE	not DE	not DE	not DE
EVM0011767	LGUn	HVA22-like protein a, putative	not DE	not DE	not DE	not DE
EVM0010684	LGUn	Heat shock protein STI	not DE	not DE	not DE	not DE
EVM0002315	LGUn	Homeobox-leucine zipper protein	not DE	not DE	-2.17009	0.01322
EVM0019808	LGUn	IQ-domain 21, putative isoform 1	not DE	not DE	not DE	not DE
EVM0006920	LGUn	Indole-3-acetic acid inducible protein	not DE	not DE	not DE	not DE
EVM0001185	LGUn	Integrase-type DNA-binding subunit	not DE	not DE	not DE	not DE
EVM0022237	LGUn	Iron(III)-zinc(II) purple acid phosphatase	not DE	not DE	not DE	not DE
EVM0016806	LGUn	Jasmonate-zim-domain protein	not DE	not DE	not DE	not DE
EVM0018927	LGUn	L-ascorbate peroxidase T isoform 1	not DE	not DE	not DE	not DE
EVM0020773	LGUn	L-ascorbate peroxidase T isoform 2	not DE	not DE	not DE	not DE
EVM0022953	LGUn	L-ascorbate peroxidase T isoform 3	not DE	not DE	not DE	not DE
EVM0002758	LGUn	Leucine-rich repeat protein kinase	not DE	not DE	not DE	not DE
EVM0001538	LGUn	Low affinity potassium transporter	not DE	not DE	not DE	not DE

EVM0004108	LGUn	Major facilitator superfamily	not DE	not DE	not DE	not DE
EVM0011782	LGUn	Major facilitator superfamily	not DE	not DE	not DE	not DE
EVM0001352	LGUn	Metal tolerance 5	not DE	not DE	not DE	not DE
EVM0009875	LGUn	Methyl-CpG-binding domain 4	not DE	not DE	not DE	not DE
EVM0001164	LGUn	Methylcrotonyl-CoA carboxylas	not DE	not DE	not DE	not DE
EVM0007378	LGUn	Methylcrotonyl-CoA carboxylas	not DE	not DE	not DE	not DE
EVM0018479	LGUn	Methylcrotonyl-CoA carboxylas	not DE	not DE	not DE	not DE
EVM0001189	LGUn	Myb domain protein 23	not DE	not DE	1.327868	0.01496
EVM0005553	LGUn	Myb domain protein 86	not DE	not DE	not DE	not DE
EVM0008524	LGUn	Myzus persicae-induced lipase	not DE	not DE	not DE	not DE
EVM0013069	LGUn	Myzus persicae-induced lipase	not DE	not DE	not DE	not DE
EVM0019217	LGUn	Myzus persicae-induced lipase	not DE	not DE	not DE	not DE
EVM0021393	LGUn	NAC domain containing protein	not DE	not DE	not DE	not DE
EVM0003190	LGUn	NAD(P)H dehydrogenase C1 isof	not DE	not DE	not DE	not DE
EVM0018419	LGUn	NAD(P)H dehydrogenase C1 isof	not DE	not DE	not DE	not DE
EVM0019658	LGUn	NAD(P)H dehydrogenase C1 isof	not DE	not DE	not DE	not DE
EVM0021506	LGUn	NADH dehydrogenase subunit 7	-1.9275	0.016214	not DE	not DE
EVM0014136	LGUn	Nucleotide-diphospho-sugar tr	not DE	not DE	not DE	not DE
EVM0019949	LGUn	Nucleotide-diphospho-sugar tr	not DE	not DE	not DE	not DE
EVM0004320	LGUn	Osmotin-like protein	not DE	not DE	not DE	not DE
EVM0001315	LGUn	PGPD14 isoform 1	not DE	not DE	4.10921	0.01404
EVM0021970	LGUn	PSII reaction center subunit	not DE	not DE	not DE	not DE
EVM0001919	LGUn	Pectin lyase-like superfamily	not DE	not DE	not DE	not DE
EVM0013286	LGUn	Pectin lyase-like superfamily	not DE	not DE	not DE	not DE
EVM0006031	LGUn	Peroxidase 3	not DE	not DE	not DE	not DE
EVM0011514	LGUn	Phosphatidylinositol-speciwc	not DE	not DE	not DE	not DE
EVM0011960	LGUn	Photosystem I subunit K	-2.75801	0.004425	not DE	not DE
EVM0005652	LGUn	Pis v 1 allergen 2S albumin	not DE	not DE	not DE	not DE
EVM0003177	LGUn	Polynucleotidyl transferase,	not DE	not DE	not DE	not DE
EVM0001304	LGUn	Polyribonucleotide nucleotidy	not DE	not DE	not DE	not DE
EVM0007326	LGUn	Polyribonucleotide nucleotidy	not DE	not DE	not DE	not DE
EVM0024078	LGUn	Polyubiquitin-A	not DE	not DE	not DE	not DE
EVM0003153	LGUn	Pre-mRNA processing ribonucle	not DE	not DE	not DE	not DE
EVM0013705	LGUn	Protease degQ precursor, puta	not DE	not DE	not DE	not DE
EVM0005784	LGUn	Proteinase inhibitor	not DE	not DE	not DE	not DE
EVM0016485	LGUn	Putative mediator of RNA poly	not DE	not DE	not DE	not DE
EVM0002032	LGUn	Putative xyloglucan endotrans	not DE	not DE	not DE	not DE
EVM0004414	LGUn	RING finger protein, putative	not DE	not DE	not DE	not DE
EVM0003606	LGUn	RING-H2 finger protein	not DE	not DE	not DE	not DE
EVM0011512	LGUn	RING/FYVE/PHD zinc finger sup	not DE	not DE	not DE	not DE
EVM0004217	LGUn	RING/FYVE/PHD zinc finger sup	not DE	not DE	not DE	not DE
EVM0020246	LGUn	RING/U-box superfamily protei	not DE	not DE	not DE	not DE
EVM0021154	LGUn	RING/U-box superfamily protei	not DE	not DE	not DE	not DE
EVM0014124	LGUn	Ran BP2/NZF zinc finger-like	not DE	not DE	not DE	not DE
EVM0000368	LGUn	RecName: Full=Probable U6 snR	not DE	not DE	not DE	not DE
EVM0010426	LGUn	RecName: Full=Probable U6 snR	not DE	not DE	not DE	not DE
EVM0012178	LGUn	RecName: Full=Probable bifunc	not DE	not DE	not DE	not DE
EVM0011191	LGUn	Regulator of nonsense transcr	not DE	not DE	not DE	not DE
EVM0008023	LGUn	RmlC-like cupins superfamily	not DE	not DE	not DE	not DE
EVM0017572	LGUn	RmlC-like cupins superfamily	not DE	not DE	not DE	not DE
EVM0017089	LGUn	S-adenosyl-L-methionine-depen	not DE	not DE	not DE	not DE
EVM0015034	LGUn	SAUR-like auxin-responsive pr	not DE	not DE	not DE	not DE
EVM0003864	LGUn	SNARE-like superfamily protei	not DE	not DE	not DE	not DE
EVM0005371	LGUn	SOUL heme-binding family prot	not DE	not DE	not DE	not DE

EVM0010289	LGUn	Scarecrow-like 3	not DE	not DE	not DE	not DE
EVM0022572	LGUn	Serine/threonine-protein kinase	not DE	not DE	not DE	not DE
EVM0022085	LGUn	Serine/threonine-protein phosphatase	not DE	not DE	not DE	not DE
EVM0014114	LGUn	Set1/Ash2 histone methyltransferase	not DE	not DE	not DE	not DE
EVM0010021	LGUn	Structural constituent of ribosome	not DE	not DE	not DE	not DE
EVM0015828	LGUn	Structural maintenance of chromosomes	not DE	not DE	not DE	not DE
EVM0013054	LGUn	Sulfate/thiosulfate import ATPase	not DE	not DE	not DE	not DE
EVM0006267	LGUn	TCP family transcription factor	not DE	not DE	not DE	not DE
EVM0005194	LGUn	T070-3	not DE	not DE	not DE	not DE
EVM0009114	LGUn	T070-3	not DE	not DE	not DE	not DE
EVM0015758	LGUn	T070-3	not DE	not DE	not DE	not DE
EVM0024240	LGUn	Teosinte branched 1, putative	not DE	not DE	not DE	not DE
EVM0007464	LGUn	Tetratricopeptide repeat (TPR)	not DE	not DE	not DE	not DE
EVM0022399	LGUn	Tetratricopeptide repeat (TPR)	not DE	not DE	not DE	not DE
EVM0000599	LGUn	Thioredoxin superfamily protein	not DE	not DE	not DE	not DE
EVM0003210	LGUn	Thioredoxin superfamily protein	not DE	not DE	not DE	not DE
EVM0003793	LGUn	Tonoplast intrinsic protein 5	not DE	not DE	not DE	not DE
EVM0000405	LGUn	Triosephosphate isomerase isoform	not DE	not DE	not DE	not DE
EVM0003353	LGUn	Tubulin beta-6 chain	not DE	not DE	not DE	not DE
EVM0022104	LGUn	Tubulin gamma complex-associated	not DE	not DE	not DE	not DE
EVM0001284	LGUn	Tyrosine/DOPA decarboxylase	not DE	not DE	not DE	not DE
EVM0002120	LGUn	UDP-D-glucose/UDP-D-galactose	not DE	not DE	not DE	not DE
EVM0007480	LGUn	UDP-Glycosyltransferase superfamily	not DE	not DE	not DE	not DE
EVM0018122	LGUn	UNC-50 family protein isoform	not DE	not DE	not DE	not DE
EVM0009643	LGUn	Ubiquitin E2 variant 1D-4	not DE	not DE	not DE	not DE
EVM0012522	LGUn	Uncharacterized protein TCM_0	not DE	not DE	not DE	not DE
EVM0014229	LGUn	Uncharacterized protein TCM_0	not DE	not DE	not DE	not DE
EVM0022536	LGUn	Uncharacterized protein TCM_0	not DE	not DE	not DE	not DE
EVM0005705	LGUn	Uncharacterized protein TCM_0	not DE	not DE	not DE	not DE
EVM0006608	LGUn	Uncharacterized protein TCM_0	not DE	not DE	not DE	not DE
EVM0017599	LGUn	Uncharacterized protein TCM_0	not DE	not DE	not DE	not DE
EVM0019717	LGUn	Uncharacterized protein TCM_0	not DE	not DE	not DE	not DE
EVM0022322	LGUn	Uncharacterized protein TCM_0	not DE	not DE	not DE	not DE
EVM0019151	LGUn	Uncharacterized protein TCM_0	-1.35417	0.000247	not DE	not DE
EVM0001571	LGUn	Uncharacterized protein isoform	not DE	not DE	not DE	not DE
EVM0014552	LGUn	Uncharacterized protein isoform	not DE	not DE	not DE	not DE
EVM0003213	LGUn	VQ motif-containing protein,	not DE	not DE	not DE	not DE
EVM0012695	LGUn	VQ motif-containing protein,	not DE	not DE	not DE	not DE
EVM0023786	LGUn	Vacuolar protein sorting 45	not DE	not DE	not DE	not DE
EVM0007115	LGUn	WRKY DNA-binding protein 7 isoform	not DE	not DE	not DE	not DE
EVM0008255	LGUn	WRKY DNA-binding protein 7 isoform	not DE	not DE	not DE	not DE
EVM0005607	LGUn	WRKY transcription factor 26	not DE	not DE	not DE	not DE
EVM0014079	LGUn	WRKY1	not DE	not DE	not DE	not DE
EVM0006795	LGUn	Winged-helix DNA-binding transcription	not DE	not DE	not DE	not DE
EVM0019801	LGUn	Winged-helix DNA-binding transcription	not DE	not DE	not DE	not DE
EVM0018809	LGUn	Zinc finger family protein, putative	not DE	not DE	not DE	not DE
EVM0017892	LGUn	alcohol dehydrogenase, putative	not DE	not DE	not DE	not DE
EVM0005308	LGUn	ankyrin repeat-containing protein	not DE	not DE	not DE	not DE
EVM0001704	LGUn	basic helix-loop-helix family	not DE	not DE	not DE	not DE
EVM0024273	LGUn	beta-glucosidase	not DE	not DE	not DE	not DE
EVM0006725	LGUn	bifunctional purine biosynthesis	not DE	not DE	not DE	not DE
EVM0019516	LGUn	calcium binding protein/cast, putative	not DE	not DE	not DE	not DE
EVM0005925	LGUn	calmodulin binding protein, putative	not DE	not DE	not DE	not DE
EVM0020365	LGUn	calmodulin binding protein, putative	not DE	not DE	not DE	not DE

EVM0023284	LGUn	caspase, putative	not DE	not DE	not DE	not DE
EVM0002152	LGUn	catalase	not DE	not DE	-1.64434	0.04864
EVM0024165	LGUn	chloride channel-like family	not DE	not DE	not DE	not DE
EVM0003529	LGUn	clock-associated PAS protein	not DE	not DE	not DE	not DE
EVM0000402	LGUn	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0003077	LGUn	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0003396	LGUn	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0004750	LGUn	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0008928	LGUn	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0009096	LGUn	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0016069	LGUn	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0018532	LGUn	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0019715	LGUn	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0020040	LGUn	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0020518	LGUn	conserved hypothetical protein	not DE	not DE	not DE	not DE
EVM0008970	LGUn	copper/zinc-superoxide dismutase	not DE	not DE	not DE	not DE
EVM0000094	LGUn	cytochrome P450 CYP94A1 family	not DE	not DE	not DE	not DE
EVM0003394	LGUn	cytochrome P450 CYP94A1 family	not DE	not DE	not DE	not DE
EVM0019934	LGUn	ferredoxin--NADP reductase, p	not DE	not DE	not DE	not DE
EVM0002817	LGUn	fruit weight 2.2-1 protein	not DE	not DE	not DE	not DE
EVM0001489	LGUn	gag/pol protein	not DE	not DE	not DE	not DE
EVM0023849	LGUn	galactosyltransferase family	not DE	not DE	not DE	not DE
EVM0003392	LGUn	hydrolase, hydrolyzing O-glyc	not DE	not DE	not DE	not DE
EVM0017069	LGUn	hypothetical protein AMTR_s03	not DE	not DE	not DE	not DE
EVM0009838	LGUn	hypothetical protein BofuT4_P	not DE	not DE	not DE	not DE
EVM0015480	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007857	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016037	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019798	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014917	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003486	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012593	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022150	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012641	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022529	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012258	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014559	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012297	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023008	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002761	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013695	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009858	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019306	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000259	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012058	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003663	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018738	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017267	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008134	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013766	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022690	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005669	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001690	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018664	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0020778	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018315	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003870	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008323	LGUn	hypothetical protein CICLE_v1	not DE	not DE	1.593714	0.03267
EVM0010073	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010188	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008578	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009441	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018044	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019754	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002058	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005875	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024140	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013842	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019910	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007486	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001152	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003146	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004293	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009527	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012687	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023924	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008945	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012035	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024610	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019718	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020000	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007053	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011095	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017144	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001701	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012848	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018263	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022831	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009998	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008228	LGUn	hypothetical protein CICLE_v1	2.433735	0.00794	not DE	not DE
EVM0000537	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006507	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006925	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017240	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009595	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011413	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014012	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016764	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0008552	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005806	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022456	LGUn	hypothetical protein CICLE_v1	not DE	not DE	2.44449	0.00503
EVM0001986	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019883	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006254	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015585	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014586	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007576	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023816	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE









EVM0011073	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017470	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011783	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023253	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002244	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016641	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007477	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023744	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018878	LGUn	hypothetical protein CICLE_v1	not DE	not DE	-1.84697	0.03473
EVM0003728	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002431	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018595	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009560	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011266	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004727	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013467	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022569	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0019599	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002325	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0012240	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023280	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010229	LGUn	hypothetical protein CICLE_v1	5.63771	0.000206	not DE	not DE
EVM0003264	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010515	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007159	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007808	LGUn	hypothetical protein CICLE_v1	not DE	not DE	-1.42493	0.00123
EVM0005908	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0015327	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020759	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023602	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0005232	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004298	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003976	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022271	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0020920	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002609	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0001886	LGUn	hypothetical protein CICLE_v1	2.879183	0.002649	not DE	not DE
EVM0017485	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0024639	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0016165	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011400	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0004033	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014856	LGUn	hypothetical protein CICLE_v1	-2.5381	0.034545	not DE	not DE
EVM0021275	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013810	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014280	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0014767	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010171	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003799	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0002596	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0021115	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007793	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0007416	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0023512	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE

EVM0009210	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013212	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003038	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022741	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0006374	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0000346	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0018601	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0009402	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0022845	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013892	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0017008	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0010202	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0011203	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0003630	LGUn	hypothetical protein CICLE_v1	not DE	not DE	not DE	not DE
EVM0013893	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013323	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006652	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016873	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007151	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011181	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004937	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0008558	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005804	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0016395	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006774	LGUn	hypothetical protein CISIN_1g	1.239428	0.018727	not DE	not DE
EVM0020213	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023964	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004370	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020506	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011963	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0005528	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013230	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018238	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012121	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000676	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004864	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002505	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0009136	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014132	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001040	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019257	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0013009	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0021218	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0003810	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0018823	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007549	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012934	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017250	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020242	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0019275	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015860	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0012305	LGUn	hypothetical protein CISIN_1g	-1.9527	0.027451	not DE	not DE
EVM0009655	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011601	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE





EVM0016853	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0000556	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0020495	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0015200	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0023668	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007541	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0017428	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002743	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0002884	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0004518	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0007700	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0011068	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0006654	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0001772	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0022379	LGUn	hypothetical protein CISIN_1g	not DE	not DE	not DE	not DE
EVM0014704	LGUn	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0001309	LGUn	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0024502	LGUn	hypothetical protein EUGRSUZ_	not DE	not DE	not DE	not DE
EVM0016571	LGUn	hypothetical protein F383_092	not DE	not DE	not DE	not DE
EVM0013229	LGUn	hypothetical protein F383_195	-5.10344	0.001612	not DE	not DE
EVM0007867	LGUn	hypothetical protein F383_344	not DE	not DE	not DE	not DE
EVM0007607	LGUn	hypothetical protein JCGZ_003	not DE	not DE	not DE	not DE
EVM0003891	LGUn	hypothetical protein JCGZ_017	not DE	not DE	not DE	not DE
EVM0001526	LGUn	hypothetical protein JCGZ_018	not DE	not DE	not DE	not DE
EVM0000357	LGUn	hypothetical protein JCGZ_056	not DE	not DE	not DE	not DE
EVM0004186	LGUn	hypothetical protein JCGZ_058	not DE	not DE	not DE	not DE
EVM0005493	LGUn	hypothetical protein JCGZ_058	not DE	not DE	not DE	not DE
EVM0004652	LGUn	hypothetical protein JCGZ_058	not DE	not DE	not DE	not DE
EVM0022824	LGUn	hypothetical protein JCGZ_064	not DE	not DE	not DE	not DE
EVM0010880	LGUn	hypothetical protein JCGZ_070	not DE	not DE	not DE	not DE
EVM0015926	LGUn	hypothetical protein JCGZ_070	not DE	not DE	not DE	not DE
EVM0013814	LGUn	hypothetical protein JCGZ_070	not DE	not DE	2.348524	0.02865
EVM0011295	LGUn	hypothetical protein JCGZ_102	not DE	not DE	not DE	not DE
EVM0016228	LGUn	hypothetical protein JCGZ_102	not DE	not DE	not DE	not DE
EVM0021728	LGUn	hypothetical protein JCGZ_102	not DE	not DE	not DE	not DE
EVM0019193	LGUn	hypothetical protein JCGZ_105	not DE	not DE	not DE	not DE
EVM0024529	LGUn	hypothetical protein JCGZ_120	not DE	not DE	not DE	not DE
EVM0016160	LGUn	hypothetical protein JCGZ_122	not DE	not DE	not DE	not DE
EVM0000811	LGUn	hypothetical protein JCGZ_131	not DE	not DE	not DE	not DE
EVM0006209	LGUn	hypothetical protein JCGZ_146	not DE	not DE	not DE	not DE
EVM0022793	LGUn	hypothetical protein JCGZ_154	not DE	not DE	not DE	not DE
EVM0004205	LGUn	hypothetical protein JCGZ_157	not DE	not DE	not DE	not DE
EVM0004366	LGUn	hypothetical protein JCGZ_157	not DE	not DE	not DE	not DE
EVM0001604	LGUn	hypothetical protein JCGZ_158	not DE	not DE	not DE	not DE
EVM0004200	LGUn	hypothetical protein JCGZ_160	not DE	not DE	not DE	not DE
EVM0000238	LGUn	hypothetical protein JCGZ_165	not DE	not DE	not DE	not DE
EVM0001335	LGUn	hypothetical protein JCGZ_165	not DE	not DE	not DE	not DE
EVM0023215	LGUn	hypothetical protein JCGZ_166	not DE	not DE	not DE	not DE
EVM0002167	LGUn	hypothetical protein JCGZ_186	not DE	not DE	not DE	not DE
EVM0023527	LGUn	hypothetical protein JCGZ_187	not DE	not DE	not DE	not DE
EVM0006985	LGUn	hypothetical protein JCGZ_201	not DE	not DE	not DE	not DE
EVM0018727	LGUn	hypothetical protein JCGZ_215	not DE	not DE	not DE	not DE
EVM0002457	LGUn	hypothetical protein JCGZ_233	-7.99167	0.000184	not DE	not DE
EVM0020362	LGUn	hypothetical protein JCGZ_238	not DE	not DE	not DE	not DE

EVM0006141	LGUn	hypothetical protein JCGZ_240	not DE	not DE	not DE	not DE
EVM0010201	LGUn	hypothetical protein JCGZ_245	not DE	not DE	not DE	not DE
EVM0016869	LGUn	hypothetical protein JCGZ_247	not DE	not DE	not DE	not DE
EVM0019189	LGUn	hypothetical protein JCGZ_256	not DE	not DE	not DE	not DE
EVM0018753	LGUn	hypothetical protein JCGZ_260	not DE	not DE	not DE	not DE
EVM0001589	LGUn	hypothetical protein JCGZ_268	not DE	not DE	not DE	not DE
EVM0023433	LGUn	hypothetical protein L484_003	not DE	not DE	not DE	not DE
EVM0003343	LGUn	hypothetical protein L484_006	not DE	not DE	not DE	not DE
EVM0016310	LGUn	hypothetical protein L484_007	not DE	not DE	not DE	not DE
EVM0000846	LGUn	hypothetical protein L484_010	not DE	not DE	not DE	not DE
EVM0003133	LGUn	hypothetical protein L484_013	not DE	not DE	not DE	not DE
EVM0017993	LGUn	hypothetical protein L484_015	not DE	not DE	not DE	not DE
EVM0013767	LGUn	hypothetical protein L484_022	not DE	not DE	not DE	not DE
EVM0004517	LGUn	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0011090	LGUn	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0007260	LGUn	hypothetical protein MIMGU_mg	not DE	not DE	not DE	not DE
EVM0001679	LGUn	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0014167	LGUn	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0011587	LGUn	hypothetical protein PHAVU_00	not DE	not DE	not DE	not DE
EVM0005665	LGUn	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0000369	LGUn	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0000602	LGUn	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0003268	LGUn	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0005184	LGUn	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0012154	LGUn	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0013429	LGUn	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0016613	LGUn	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0016702	LGUn	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0023615	LGUn	hypothetical protein PHAVU_01	not DE	not DE	not DE	not DE
EVM0021848	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0013518	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023086	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000979	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0016777	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000266	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0001700	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019017	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0017396	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0007582	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0024663	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006274	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0001624	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006308	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0005930	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0001119	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0009668	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0011446	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0015271	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0014578	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0005428	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0002286	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0018575	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019842	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000211	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE



EVM0022071	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0008844	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0006016	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0007190	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0023957	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0000262	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0012205	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0001028	LGUn	hypothetical protein POPTR_00	not DE	not DE	not DE	not DE
EVM0019985	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0006514	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0014852	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0002050	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0003142	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0008994	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0010510	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0002140	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0002883	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0006776	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0009367	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0000816	LGUn	hypothetical protein PRUPE_pp	1.764937	0.024733	3.431581	#####
EVM0003714	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0019616	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0002438	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0003127	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0015045	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0015195	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0011974	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0022827	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0019803	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0022082	LGUn	hypothetical protein PRUPE_pp	not DE	not DE	not DE	not DE
EVM0021524	LGUn	hypothetical protein PhapfoPp	not DE	not DE	not DE	not DE
EVM0007944	LGUn	hypothetical protein SELMODRA	not DE	not DE	-1.61809	0.00168
EVM0008035	LGUn	hypothetical protein TCM_0013	not DE	not DE	not DE	not DE
EVM0011881	LGUn	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0008119	LGUn	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0003751	LGUn	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0004339	LGUn	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0022472	LGUn	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0018759	LGUn	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0016716	LGUn	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0011089	LGUn	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0001339	LGUn	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0002496	LGUn	hypothetical protein VITISV_0	not DE	not DE	not DE	not DE
EVM0015204	LGUn	linalool synthase	not DE	not DE	not DE	not DE
EVM0015141	LGUn	lipxygenase	not DE	not DE	not DE	not DE
EVM0024359	LGUn	lipxygenase	not DE	not DE	not DE	not DE
EVM0013005	LGUn	maternal effect embryo arrest	not DE	not DE	not DE	not DE
EVM0010562	LGUn	neutral/alkaline invertase	not DE	not DE	not DE	not DE
EVM0017517	LGUn	pentatricopeptide repeat-cont	not DE	not DE	not DE	not DE
EVM0005006	LGUn	protein phosphatase 2c, putat	not DE	not DE	not DE	not DE
EVM0006800	LGUn	protein with unknown function	not DE	not DE	not DE	not DE
EVM0013703	LGUn	putative auxin influx carrier	not DE	not DE	not DE	not DE
EVM0007939	LGUn	putative cadmium-transporting	not DE	not DE	not DE	not DE
EVM0008878	LGUn	putative chloroplast starch s	not DE	not DE	not DE	not DE

EVM0023499	LGUn	ribosomal protein S3, partial	-1.7599	2.85E-05	not DE	not DE
EVM0010067	LGUn	ring finger protein, putative	not DE	not DE	not DE	not DE
EVM0014230	LGUn	s-adenosylmethionine synthetase	not DE	not DE	not DE	not DE
EVM0023861	LGUn	solaneyl diphosphate synthase	not DE	not DE	not DE	not DE
EVM0000974	LGUn	terminal flower 1	not DE	not DE	not DE	not DE
EVM0002854	LGUn	tetratricopeptide domain-containing	not DE	not DE	not DE	not DE
EVM0004703	LGUn	thaumatin-like protein	not DE	not DE	not DE	not DE
EVM0006497	LGUn	thiazole biosynthetic enzyme	not DE	not DE	not DE	not DE
EVM0021712	LGUn	thioredoxin family protein	not DE	not DE	not DE	not DE
EVM0013328	LGUn	tonoplast intrinsic protein, putative	not DE	not DE	not DE	not DE
EVM0023151	LGUn	tonoplast intrinsic protein, putative	not DE	not DE	not DE	not DE
EVM0023971	LGUn	transcription factor, putative	not DE	not DE	not DE	not DE
EVM0005949	LGUn	triptychon and cpc, putative	not DE	not DE	not DE	not DE
EVM0020485	LGUn	triptychon and cpc, putative	not DE	not DE	not DE	not DE
EVM0003131	LGUn	ubiquitin 11	not DE	not DE	not DE	not DE
EVM0003508	LGUn	unknown protein	not DE	not DE	not DE	not DE
EVM0016261	LGUn	unknown protein	not DE	not DE	not DE	not DE
EVM0016401	LGUn	unknown protein	not DE	not DE	not DE	not DE
EVM0017781	LGUn	unknown protein	not DE	not DE	not DE	not DE
EVM0018014	LGUn	unknown protein	not DE	not DE	not DE	not DE
EVM0018145	LGUn	unknown protein	not DE	not DE	not DE	not DE
EVM0018441	LGUn	unknown protein	not DE	not DE	not DE	not DE
EVM0018579	LGUn	unknown protein	not DE	not DE	not DE	not DE
EVM0019327	LGUn	unknown protein	not DE	not DE	not DE	not DE
EVM0020264	LGUn	unknown protein	not DE	not DE	not DE	not DE
EVM0021853	LGUn	unknown protein	not DE	not DE	not DE	not DE
EVM0022383	LGUn	unknown protein	-2.773	0.001364	not DE	not DE
EVM0000158	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0001873	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0002370	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0002526	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0002648	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0003490	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0005677	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0007764	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0008695	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0009495	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0010284	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0010452	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0011773	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0013071	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0014069	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0016032	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0017484	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0017808	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0018722	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0019329	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0020544	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0022823	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0022945	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0023400	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0024228	LGUn	unnamed protein product	not DE	not DE	not DE	not DE
EVM0010430	LGUn	zeta-carotene desaturase	not DE	not DE	not DE	not DE



not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.657176	0.02564411
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not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
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not DE	not DE	3.641536	0.002744	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.087044	1.30E-07
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
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-1.36774	1.88E-09	not DE	not DE	not DE	not DE	-1.38123	1.47E-06
not DE	not DE	-1.00197	0.031323	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.00769	7.75E-06	not DE	not DE	-1.74958	3.50E-13	-2.23509	7.07E-07
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	1.406934	0.048186	not DE	not DE	1.190322	0.000625531
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.21454	0.009197956
not DE	not DE	4.446838	7.81E-05	not DE	not DE	not DE	not DE
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not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
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1.210691	0.001974709	not DE	not DE	-1.05749	0.014758	1.284929	0.028450947
not DE	not DE	-1.23427	0.011603	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.142491	0.003163571
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not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-3.8621	0.01196249
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.16222	0.009638439	not DE	not DE	not DE	not DE	-4.28096	1.35E-08
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2.004942	5.88E-05	not DE	not DE	1.174281	0.04535	3.014464	9.62E-08
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not DE	not DE	4.491684	5.17E-05	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.013862	0.027112177

not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-2.6701	0.046392	not DE	not DE	not DE	not DE
2.227674	0.045763733	not DE	not DE	not DE	not DE	2.808647	0.009861612
3.489937	0.000937781	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.375654	1.91E-06
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not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.432804	6.72E-11	not DE	not DE	not DE	not DE	2.084411	3.06E-25
not DE	not DE	not DE	not DE	not DE	not DE	1.178127	0.006464354
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.710491	0.021114473
1.604217	0.000981613	not DE	not DE	not DE	not DE	3.29735	2.77E-06
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.29586	1.94E-08	not DE	not DE	not DE	not DE	-1.33607	0.002387088
not DE	not DE	not DE	not DE	not DE	not DE	1.112652	0.014285917
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.01401	0.001375153	not DE	not DE	not DE	not DE	-1.23063	0.017056658
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not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.10972	0.000486412
-2.29884	0.00082691	not DE	not DE	not DE	not DE	-2.78353	0.000863322
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.73183	0.003425389	-3.24007	0.010821	not DE	not DE	-4.14905	1.61E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.81392	0.042813232
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-2.21359	0.005061	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.33534	2.41E-08













































































1. 003972 1. 70E-06	not DE	not DE	not DE	not DE	1. 474656 5. 13E-06
1. 11933 0. 007062159	not DE	not DE	not DE	not DE	1. 156269 0. 011255575
-3. 09082 5. 94E-05	not DE	not DE	not DE	not DE	-2. 12125 0. 004208708
not DE not DE	not DE	not DE	not DE	not DE	-1. 14406 5. 94E-05
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	1. 803969 0. 012397	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
1. 238561 0. 000802303	not DE	not DE	not DE	not DE	1. 057212 0. 010253387
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	1. 09733 2. 89E-06
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-1. 14467 0. 00032827	not DE	not DE	not DE	not DE	-2. 10929 6. 80E-07
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not DE not DE	not DE	not DE	not DE	not DE	1. 01233 0. 030643466
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
1. 633161 0. 000217023	not DE	not DE	1. 238271 6. 67E-05	1. 094023 0. 049047364	
not DE not DE	not DE	not DE	1. 524686 0. 011226	not DE not DE	
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
1. 338124 9. 89E-15	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	-1. 45913 0. 038726873
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
1. 418472 3. 52E-05	not DE	not DE	not DE	not DE	1. 454579 0. 004613029
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	1. 353752 0. 035321007
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
-1. 85246 1. 01E-11	not DE	not DE	not DE	not DE	-1. 4328 8. 88E-07
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	-3. 40251 0. 024562989



























not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.37659	6.78E-06
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.70687	0.001644909	not DE	not DE	not DE	not DE	-1.80999	0.001372698
not DE	not DE	not DE	not DE	not DE	not DE	-3.13339	0.004009818
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not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.343096	0.00014149	not DE	not DE	not DE	not DE	2.142834	0.000100063
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not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.70989	0.030854513	not DE	not DE	not DE	not DE	not DE	not DE
-1.73655	2.18E-08	not DE	not DE	not DE	not DE	-2.24537	1.11E-06
not DE	not DE	1.697807	0.001813	not DE	not DE	1.641041	0.000417398
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-2.61043	0.012138188	not DE	not DE	not DE	not DE	-2.74824	0.011308424
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not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.61523	3.24E-05	not DE	not DE	-1.09945	0.000125	-1.43019	0.012683714
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.24607	2.28E-05	not DE	not DE	not DE	not DE	-2.19439	0.009502537
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	1.718347	0.00106	not DE	not DE	not DE	not DE
2.927895	9.26E-07	not DE	not DE	not DE	not DE	2.486691	0.002236976
2.853983	2.39E-05	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.364727	4.10E-06	not DE	not DE	not DE	not DE	2.541772	8.98E-13
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
3.452443	6.08E-07	3.344425	0.001781	1.7762	0.002514	5.151904	6.84E-21
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	8.135984	0.009953	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.55871	0.00080876

not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	-4.422	0.000713	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.30932	0.000937781	not DE	not DE	not DE	not DE	-1.65218	0.033662149
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	8.511959	0.018747	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.28971	0.004317127
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	1.112268	0.003876	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	2.46039	0.010683	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.19477	0.006963413	not DE	not DE	not DE	not DE	-2.54712	0.001594678
1.269176	0.002274491	1.743894	0.018466	not DE	not DE	2.506431	1.43E-12
-3.34164	1.23E-06	not DE	not DE	not DE	not DE	-5.31097	1.98E-16
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.66257	0.014984666	not DE	not DE	not DE	not DE	-4.03903	1.43E-07
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-2.82149	0.027735	-2.59371	0.023277	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.84188	0.01843985	not DE	not DE	not DE	not DE	-1.66206	0.001047488
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.55157	0.029889862
-1.07413	0.010715107	not DE	not DE	not DE	not DE	-1.02664	0.00606661
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-3.05681	0.041158912
not DE	not DE	not DE	not DE	not DE	not DE	-1.52075	0.005852692
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	-1.07283	0.024838	not DE	not DE
-1.88595	1.53E-06	not DE	not DE	not DE	not DE	-1.97784	1.16E-05

















not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.16703	0.011031507
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.04477	2.96E-08
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.30067	0.004273918	not DE	not DE	not DE	not DE	-1.66011	0.005318581
not DE	not DE	not DE	not DE	not DE	not DE	1.603667	0.006217509
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	1.996203	0.036571	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.510174	0.00845262
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.97551	0.000281557
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.851011	0.000559963	not DE	not DE	-1.48165	0.000755	1.073178	0.016548657
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.604176	3.21E-13	1.354363	0.004969	not DE	not DE	2.547471	0.000162321
-1.31335	5.92E-05	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.669	6.87E-05	not DE	not DE	not DE	not DE	-2.66567	5.71E-10
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.09734	4.61E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-2.98171	0.000580534
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.4933	0.03266671























not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.18191	0.024483219	not DE	not DE	not DE	not DE	-2.5537	0.019072973
-1.57459	0.00127202	not DE	not DE	not DE	not DE	-2.21686	2.95E-07
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.742185	3.81E-10	not DE	not DE	not DE	not DE	1.78573	1.53E-06
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.80468	0.001832279	not DE	not DE	not DE	not DE	-4.26807	8.52E-07
-1.01046	3.75E-05	not DE	not DE	not DE	not DE	-1.26535	0.003146837
not DE	not DE	-2.62731	0.014756	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.21691	9.92E-09	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.49425	0.003944279	not DE	not DE	not DE	not DE	-1.46067	0.004718775
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.522869	3.75E-08
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-1.50738	0.023183	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.471371	0.001158352	not DE	not DE	not DE	not DE	3.284595	4.02E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	2.780198	6.29E-05	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.894048	0.009759992	not DE	not DE	not DE	not DE	1.408176	0.034793997
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
3.013718	0.004468441	not DE	not DE	not DE	not DE	2.710575	0.017830236
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.51615	2.89E-05	not DE	not DE	not DE	not DE	-1.60238	0.005503569
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.933737	3.17E-09	2.657161	2.11E-08	not DE	not DE	1.871911	0.018646547



























not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.12885	0.002300176	not DE	not DE	not DE	not DE	-1.23393	0.003861593
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.686588	7.69E-07
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-2.85223	2.72E-08
not DE	not DE	4.578958	0.014757	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.445074	9.71E-08	not DE	not DE	not DE	not DE	2.931086	1.97E-16
not DE	not DE	not DE	not DE	not DE	not DE	2.186805	0.000916573
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.078379	0.000751482	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.352109	0.002197582	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.56294	0.022791261	not DE	not DE	not DE	not DE	-1.47336	0.013725493
not DE	not DE	not DE	not DE	not DE	not DE	1.777652	2.30E-15
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.15145	7.05E-05	not DE	not DE	not DE	not DE	-1.89985	2.52E-09
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-2.31997	0.001434688
not DE	not DE	not DE	not DE	not DE	not DE	-1.96854	0.048152013
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.83868	4.33E-07	not DE	not DE	not DE	not DE	-2.46853	1.06E-07
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	8.533386	2.88E-08
1.124803	0.005097799	not DE	not DE	not DE	not DE	1.208561	0.001489876
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.66999	0.007210448	not DE	not DE	not DE	not DE	-2.77152	8.03E-05







-1.48716 0.001192311	not DE	not DE	not DE	not DE	-1.56747 5.25E-05
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
-2.63815 0.003155531	not DE	not DE	not DE	not DE	-4.49672 3.33E-05
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	-1.01583 0.002515891
not DE not DE	not DE	not DE	-1.01685 0.002533	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	-1.02836 0.022989	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
1.339225 0.001220353	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
-2.01765 6.22E-05	not DE	not DE	not DE	not DE	-2.98553 0.000131203
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
-3.56206 0.000563883	not DE	not DE	not DE	not DE	-2.78225 0.000795156
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	1.808141 0.017298581
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
-1.27614 0.004353393	not DE	not DE	not DE	not DE	-2.33507 3.72E-06
-1.60516 0.019392678	not DE	not DE	not DE	not DE	-1.9363 5.58E-05
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	-1.08842 0.033292	not DE	-2.03476 4.43E-08
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	2.162833 0.034793997
not DE not DE	not DE	not DE	not DE	not DE	1.328914 7.85E-07
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
1.988427 0.031384277	5.797467 3.83E-13	not DE	not DE	not DE	3.718237 0.000200757
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	-1.18264 0.00429138
not DE not DE	1.567033 0.042808	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	-2.62134 0.008793	not DE	not DE	not DE	-2.55516 0.001883716









not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.84488	0.000329258
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	2.222574	0.000109402
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.16192	0.001769612
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	1.147973	0.01705	not DE	not DE	1.22729	3.48E-05
2.445104	4.80E-12	1.129807	0.000322	not DE	not DE	2.562628	1.93E-15
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-3.38735	0.001315828	not DE	not DE	not DE	not DE	-5.17608	3.64E-07
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.74916	0.028173807
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.015706	1.29E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.527789	0.011370993
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-1.51944	0.001057	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.361229	6.95E-08	not DE	not DE	not DE	not DE	1.697346	1.19E-09
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.38691	0.022671369	not DE	not DE	not DE	not DE	-2.41622	8.43E-06
not DE	not DE	not DE	not DE	not DE	not DE	-1.05683	0.006024462
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.171297	0.008162273	1.797853	0.048917	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-2.51683	0.000118732

not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-2. 20708	0. 001985717
not DE	not DE	1. 689741	0. 031819	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1. 281343	2. 51E-05	not DE	not DE	not DE	not DE	1. 374443	8. 03E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1. 034047	0. 019557974
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1. 56523	0. 000743918
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-2. 17598	0. 04586	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1. 220349	0. 04256401
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1. 153889	0. 017757595	not DE	not DE	not DE	not DE	1. 354667	0. 049221116
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	2. 537819	0. 036435	not DE	not DE	2. 669785	0. 002635044
-2. 04167	0. 001491398	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1. 687265	0. 034940218	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1. 84877	8. 26E-05	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1. 392409	0. 000289657
1. 034143	0. 01321378	not DE	not DE	not DE	not DE	1. 819526	1. 45E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1. 000263	0. 004978766	not DE	not DE	not DE	not DE	not DE	not DE

not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.44192	0.000701895
2.031921	7.53E-06	2.559626	0.005458	not DE	not DE	2.594237	6.82E-06
not DE	not DE	not DE	not DE	not DE	not DE	1.609331	0.00503132
-1.28741	0.003909784	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	2.459805	0.027989	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.679748	3.98E-12	1.508324	0.045401	not DE	not DE	2.599279	3.63E-24
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.42769	9.94E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	2.49998	0.033188759
not DE	not DE	not DE	not DE	not DE	not DE	-1.41977	0.0082448
-1.98655	3.77E-07	not DE	not DE	not DE	not DE	-2.22083	2.01E-08
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.71858	0.000189047
not DE	not DE	not DE	not DE	not DE	not DE	-1.70127	0.046326062
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	6.999453	2.98E-07	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.43447	7.27E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.614	0.000215971	not DE	not DE	1.062651	0.035029	-4.79457	8.51E-08
not DE	not DE	not DE	not DE	not DE	not DE	-4.72681	2.02E-06
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	1.343695	0.001788	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.13292	0.009699896	not DE	not DE	not DE	not DE	-2.07233	4.99E-05
not DE	not DE	not DE	not DE	not DE	not DE	-2.35938	1.05E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-3.43453	0.007065493
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.17608	0.026812049



















not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.7764	0.013072256	not DE	not DE	not DE	not DE	-2.21863	0.003201934
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.69021	0.000649784	not DE	not DE	not DE	not DE	-1.93003	1.33E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.188148	0.033009495
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.96783	3.64E-06	2.653523	0.042847	not DE	not DE	3.511394	4.15E-09
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.57606	1.62E-06	not DE	not DE	not DE	not DE	-2.00603	2.00E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.10323	0.001149892
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-2.01094	0.031737621
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-2.20216	1.02E-09
not DE	not DE	not DE	not DE	not DE	not DE	-2.69387	0.039282595
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.15847	0.040294557	not DE	not DE	not DE	not DE	1.816621	4.29E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.87565	1.33E-06
1.185692	3.86E-07	not DE	not DE	not DE	not DE	1.718491	1.91E-09
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.0227	0.017426601	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	1.470088	0.047659	not DE	not DE	2.015534	0.001982242
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.381591	0.01576054	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-3.03588	1.72E-08
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.332654	0.00227913	not DE	not DE	not DE	not DE	2.075285	1.89E-07
1.013216	0.012127156	4.250023	0.000224	not DE	not DE	2.368804	6.52E-12
-1.08934	0.035808556	not DE	not DE	not DE	not DE	-2.9481	4.74E-13

































not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.06918	0.017854297
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.645041	0.012619765	1.511133	0.005491	1.179065	0.015553	2.057381	0.00124572
3.3056	3.03E-06	not DE	not DE	not DE	not DE	2.165526	0.005613358
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.65121	0.004892163
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-5.65803	1.07E-19	-2.65099	1.52E-05	-4.22212	1.44E-14	-7.62145	6.35E-65
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-1.73181	0.008253	not DE	not DE	not DE	not DE
4.296673	0.002518382	3.471891	0.02575	3.350837	0.001846	3.798629	0.006035888
not DE	not DE	not DE	not DE	not DE	not DE	1.15562	0.003944836
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	2.002672	0.024475	not DE	not DE
-2.14629	2.67E-05	not DE	not DE	not DE	not DE	-4.34054	2.01E-08
-1.40963	1.22E-08	not DE	not DE	not DE	not DE	-1.62523	1.63E-06
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
5.100733	3.36E-38	4.140271	3.27E-05	not DE	not DE	6.925668	3.63E-43
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.75963	0.040539913	not DE	not DE	not DE	not DE	-2.38458	0.000363339
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	2.617855	0.001782456





















not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	4. 301523	6. 20E-06	not DE	not DE	2. 007961	0. 000242519
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1. 00225	0. 000376053
not DE	not DE	not DE	not DE	1. 218901	0. 010155	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1. 2199	7. 88E-08	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2. 18522	3. 52E-24	1. 124012	2. 97E-05	not DE	not DE	3. 152301	1. 07E-24
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2. 53499	0. 027732191	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-2. 77714	0. 001116937
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1. 30799	0. 000581744	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1. 652688	0. 001906433	not DE	not DE	-1. 32328	0. 018618	2. 012952	0. 005492879
1. 090539	0. 022585994	not DE	not DE	not DE	not DE	1. 834466	0. 00018521
-1. 2338	0. 000360575	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-1. 22814	8. 91E-05	-1. 09831	3. 47E-05	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1. 905753	4. 84E-09	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	1. 00326	0. 035283	not DE	not DE

























-1.42016 0.00417689	not DE	not DE	not DE	not DE	-2.11517 0.014691219
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	-3.63335 0.000192	not DE	not DE	not DE	-1.88266 0.001908328
1.634709 7.70E-08	not DE	not DE	not DE	not DE	1.78357 1.46E-06
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	8.708283 0.000536	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	-1.01022 0.00894598
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
2.229834 0.022258169	not DE	not DE	not DE	not DE	2.568791 1.15E-05
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
-2.27315 0.027300541	-3.28999 0.005827	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
-1.22721 0.041582399	not DE	not DE	not DE	not DE	-2.73022 3.79E-05
1.093175 0.000139386	not DE	not DE	not DE	not DE	1.033538 0.041743849
2.222862 2.44E-13	not DE	not DE	not DE	not DE	2.67307 1.72E-10
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
-1.49014 0.014927606	not DE	not DE	-1.51493 0.000341	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
-1.45092 0.014982875	not DE	not DE	not DE	not DE	1.241842 0.000614562
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE







not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.28028	0.007801789	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	-1.03929	0.026077	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-1.2603	0.041183	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	4.692995	5.17E-05	not DE	not DE	2.843774	3.02E-07
-1.16117	0.000193602	not DE	not DE	not DE	not DE	-1.68415	0.001986993
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.0134	1.47E-06
not DE	not DE	not DE	not DE	not DE	not DE	-1.28092	0.003830969
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-1.45309	0.010756	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.00116	0.040288107
not DE	not DE	not DE	not DE	not DE	not DE	1.308307	0.000800329
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-2.83532	0.02575	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.04416	0.033702832	not DE	not DE	not DE	not DE	-2.42866	2.61E-07
-3.59	1.55E-26	-2.03105	4.16E-10	-1.78626	4.88E-09	-4.10207	1.79E-54
1.336952	0.002860875	not DE	not DE	not DE	not DE	1.934997	0.000151188
not DE	not DE	not DE	not DE	not DE	not DE	-1.94879	0.000571589
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.16217	0.036030546	not DE	not DE	-1.01628	0.028056	-1.07779	0.014933479
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.23496	0.000589363
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	1.965753	0.041666	not DE	not DE











not DE	not DE	not DE	not DE	not DE	not DE	-1.05238	0.002682697
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-4.04515	0.012413692	not DE	not DE	not DE	not DE	-5.53728	2.50E-05
-4.36421	9.10E-44	-2.92477	1.60E-09	-2.76042	1.26E-07	-5.23371	1.69E-53
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	-1.57803	0.013298	-3.75849	0.000100292
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.455591	0.008305575	not DE	not DE	not DE	not DE	1.322207	0.023752237
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.15148	0.000705436	not DE	not DE	not DE	not DE	-2.12294	0.031429339
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.045299	0.018391436	not DE	not DE	not DE	not DE	1.629186	0.000225211
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-2.34787	4.25E-06
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-1.35718	0.024314	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-3.73138	0.002995617
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.5508	1.87E-12	-1.02354	0.020374	not DE	not DE	-3.31646	1.12E-14
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.99788	0.001151893	not DE	not DE	1.263544	0.009411	-3.81227	6.37E-11
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	2.940631	0.023141	not DE	not DE	not DE	not DE

not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.05044	0.005154811	not DE	not DE	not DE	not DE	-2.64664	5.90E-13
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.15851	0.022711812	-1.92114	0.003623	-1.28934	0.015172	-1.23638	0.019474583
-1.48581	0.002095117	not DE	not DE	not DE	not DE	-1.65182	0.010900385
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.693033	0.00055658	not DE	not DE	not DE	not DE	1.644805	5.35E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.3337	0.001099267	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-2.54504	3.29E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-2.46207	0.004488061
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.15145	0.005278149	not DE	not DE	not DE	not DE	-1.03973	0.012071608
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.375954	3.60E-09
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	1.506409	6.76E-10	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.167908	1.15E-05	not DE	not DE	1.664586	0.009708	2.302836	4.29E-07
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-2.80467	0.00342068
not DE	not DE	-4.98718	9.42E-08	not DE	not DE	-3.00912	0.001712697
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.696712	7.84E-08	3.11847	0.005169	not DE	not DE	2.686953	1.64E-07
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	2.318755	0.033734	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.179291	5.11E-13	not DE	not DE	not DE	not DE	1.615032	2.43E-05















not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	2.443914	0.009227405
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.061064	1.43E-08	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.0746	0.034053237
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
4.182943	7.06E-07	not DE	not DE	not DE	not DE	4.753094	1.33E-09
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.25749	0.000160684
-1.49126	0.00960162	-3.45198	0.007859	not DE	not DE	-2.92715	3.25E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	1.321937	0.012364	1.92227	0.000808	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.263615	2.17E-06	not DE	not DE	not DE	not DE	2.178086	2.88E-08
1.38874	0.006320155	not DE	not DE	-1.00446	0.01834	1.106929	0.033483065
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.264168	0.00207513
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	4.625099	0.00296	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	2.26433	0.004784	not DE	not DE	2.927804	0.00827923
-1.04836	0.028771407	not DE	not DE	not DE	not DE	-1.76992	4.77E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.189639	0.000204934	not DE	not DE	not DE	not DE	1.695438	2.66E-05
not DE	not DE	2.121837	0.036388	not DE	not DE	not DE	not DE















not DE	not DE	2.71653	0.011338	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.9451	0.000125894	not DE	not DE	not DE	not DE	-2.32154	0.00521083
1.001508	0.000210729	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.58447	4.77E-06	not DE	not DE	not DE	not DE	-1.87437	4.66E-06
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.58895	1.44E-10	-1.48044	0.003098	not DE	not DE	-1.24145	0.000529067
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.56608	0.002120078	not DE	not DE	1.854799	0.000891	not DE	not DE
-1.19306	0.005736663	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.09625	0.000243018	-2.57083	0.004592	-1.08428	0.012095	-1.41469	5.43E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-3.40732	7.71E-11	not DE	not DE	1.289604	0.02308	-5.84119	1.45E-19
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.53885	0.046093154	not DE	not DE	not DE	not DE	not DE	not DE









not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-3.01449	0.002404042	not DE	not DE	not DE	not DE	-4.43789	0.000271285
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.722884	0.012730549	not DE	not DE	not DE	not DE	2.815719	0.034559005
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.685219	2.91E-05	not DE	not DE	not DE	not DE	2.678945	3.68E-09
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.74487	0.011658526	not DE	not DE	not DE	not DE	-3.33827	0.003088397
1.275929	0.000464721	not DE	not DE	not DE	not DE	1.553271	0.00323761
2.158176	1.96E-07	not DE	not DE	not DE	not DE	2.033255	1.10E-09
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.55869	0.003897396	not DE	not DE	not DE	not DE	-2.03422	5.48E-06
1.444662	1.43E-07	not DE	not DE	not DE	not DE	1.650403	0.003663053
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.66016	0.037780141	-3.3479	0.014941	not DE	not DE	-3.09269	0.001737107
not DE	not DE	1.290015	0.004462	not DE	not DE	not DE	not DE
1.376939	0.004034984	not DE	not DE	not DE	not DE	1.858336	9.33E-05





















































































-2. 21517 3. 06E-06	not DE	not DE	not DE	not DE	-3. 26992 4. 17E-08
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	1. 02179 0. 00319	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
1. 447892 0. 014628414	not DE	not DE	not DE	not DE	1. 914918 0. 000977546
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	1. 525027 2. 63E-08
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
-4. 08271 2. 11E-06	not DE	not DE	not DE	not DE	-3. 82896 5. 90E-06
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	-4. 81726 0. 000123	1. 509573 0. 026472	not DE	not DE	-1. 46345 0. 017396363
-1. 66624 0. 002865994	not DE	not DE	not DE	not DE	-1. 94595 0. 002847768
not DE not DE	-1. 10769 0. 006057	not DE	not DE	not DE	not DE not DE
1. 651133 0. 000202709	not DE	not DE	not DE	not DE	3. 198685 4. 26E-12
1. 820527 0. 001135688	not DE	not DE	not DE	not DE	2. 856447 7. 19E-08
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
1. 202074 0. 000945352	not DE	not DE	not DE	not DE	2. 222001 2. 98E-11
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
3. 360143 0. 013403733	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
6. 240015 0. 000169044	not DE	not DE	not DE	not DE	5. 881396 0. 000362897
not DE not DE	not DE	not DE	not DE	not DE	1. 035432 0. 029386358
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
-1. 12692 2. 28E-08	not DE	not DE	not DE	not DE	not DE not DE































































not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2. 638765	0. 000919893	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	6. 697079	0. 002148	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-4. 62601	0. 000234229	not DE	not DE	not DE	not DE	-7. 80653	4. 43E-06
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1. 23517	1. 76E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1. 255916	9. 61E-08	not DE	not DE	not DE	not DE	1. 473108	2. 73E-09
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	1. 007299	4. 77E-05	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-2. 74963	0. 034624	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1. 04462	0. 049600959
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1. 0822	0. 026317361
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
3. 297588	6. 03E-21	2. 169585	0. 030407	not DE	not DE	3. 374862	2. 19E-13
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2. 234458	0. 035375683	not DE	not DE	not DE	not DE	not DE	not DE
1. 776152	1. 19E-07	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1. 238143	0. 039266388	not DE	not DE	not DE	not DE	1. 553467	0. 032158796
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2. 41198	0. 00067747	not DE	not DE	not DE	not DE	-4. 52038	0. 002119675









not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.56654	0.000457801	not DE	not DE	not DE	not DE	-2.51338	2.05E-10
-3.09704	0.000937781	not DE	not DE	not DE	not DE	-3.94686	2.60E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
3.180566	9.40E-06	not DE	not DE	not DE	not DE	not DE	not DE
-1.43601	0.001393105	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.06018	2.13E-06
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	-2.16363	0.017671	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-5.51071	0.041347284
-2.29578	0.001148476	-2.08063	0.003208	not DE	not DE	-4.24741	9.42E-11
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.07341	0.000762484	not DE	not DE	not DE	not DE	-2.23564	5.58E-18
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.195891	7.09E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.180617	0.011563468
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	1.537941	0.001207	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.306647	0.000162438	not DE	not DE	not DE	not DE	1.652767	1.17E-06
-1.66827	0.034276437	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.529022	5.21E-08	not DE	not DE	not DE	not DE	1.761749	1.61E-06
not DE	not DE	3.436667	0.004374	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.03662	0.000553075	not DE	not DE	not DE	not DE	1.96039	0.006450029
1.120441	0.01447334	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	3.894918	0.011941	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.384879	0.000191315	not DE	not DE	not DE	not DE	not DE	not DE
-1.18608	0.009304618	not DE	not DE	not DE	not DE	-1.6837	4.15E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.45466	0.001434152



















-1.48644 0.000166025	not DE	not DE	not DE	not DE	-2.10066 2.68E-05
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
3.398214 0.001564172	not DE	not DE	not DE	not DE	2.86098 0.026154016
not DE not DE	4.41864 0.014449	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	2.19994 0.003782	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	-2.63221 7.55E-07
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
-2.08831 0.00121121	not DE	not DE	1.026201 0.034473	-2.34302 0.016279865	
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	1.139073 0.00268284
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	-1.50826 1.54E-05
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	1.303522 0.010490446
-1.14973 0.00396118	not DE	not DE	not DE	not DE	-2.15825 4.90E-06
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
1.495432 0.0059791	1.61893 0.038466	not DE	not DE	3.111459 7.26E-27	
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	-2.23719 3.24E-10
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	6.068818 0.000835	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
-1.13404 0.008397264	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
-1.12906 0.000314121	not DE	not DE	not DE	not DE	-1.68923 0.001983661
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE







-1.00319	0.007774552	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-1.21251	0.040626	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.03045	0.001352647	not DE	not DE	not DE	not DE	-2.15023	3.31E-06
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.65525	0.010179403	not DE	not DE	not DE	not DE	-2.80522	8.80E-06
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.304807	0.000821669
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.143725	0.000641388	not DE	not DE	not DE	not DE	1.803575	1.54E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.393768	0.00211724	not DE	not DE	not DE	not DE	1.869736	5.77E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.391745	2.92E-07
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.249604	0.026774053	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.095185	1.14E-05	not DE	not DE	not DE	not DE	1.559976	0.001180494
-1.85077	0.000211008	not DE	not DE	not DE	not DE	-3.87991	1.44E-08
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.830501	0.046733994	4.048484	0.004259	not DE	not DE	4.13422	1.58E-06
2.855662	1.04E-05	1.994271	0.005636	not DE	not DE	3.544324	5.34E-11
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.108839	5.16E-12	1.432436	2.56E-06	1.007516	0.000561	3.34368	3.35E-42
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	1.355826	6.01E-05	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.46895	0.001854086
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-1.37317	0.019082	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.650583	8.85E-08



























-1. 58456 0. 020094803	not DE	not DE	not DE	not DE	-2. 11854 0. 002109021
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
2. 191746 6. 75E-72	not DE	not DE	not DE	not DE	2. 698281 1. 10E-13
-2. 74458 0. 007037476	not DE	not DE	not DE	not DE	-2. 2373 0. 042361914
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
1. 107921 7. 28E-06	not DE	not DE	not DE	not DE	1. 12877 3. 47E-08
not DE not DE	not DE	not DE	not DE	not DE	-1. 48502 0. 000279609
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	-1. 93957 0. 003909808
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
-1. 14685 0. 000994532	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	1. 346929 0. 049182767
-2. 28542 0. 013238327	not DE	not DE	not DE	not DE	-2. 60593 0. 006782163
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
1. 023548 0. 000900537	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE not DE
-1. 04507 0. 011867317	not DE	not DE	-2. 00096 2. 53E-09	not DE not DE	1. 193676 0. 000117498
not DE not DE	not DE	not DE	1. 202958 0. 034757	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE	1. 118483 0. 028422043
not DE not DE	not DE	not DE	not DE not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE	not DE not DE
1. 849271 6. 49E-05	not DE	not DE	not DE not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE	1. 521053 0. 024496459
not DE not DE	not DE	not DE	not DE not DE	not DE not DE	1. 530487 0. 000262677
-1. 87281 4. 52E-06	not DE	not DE	not DE not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE	-1. 66783 4. 14E-05
not DE not DE	2. 038624 0. 002058	2. 085599 0. 003802	not DE not DE	not DE not DE	not DE not DE
not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE
not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE
not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE	1. 201413 0. 011031507
not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE
not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE
not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE
not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE
4. 14704 2. 60E-06	not DE	not DE	not DE not DE	not DE not DE	4. 192811 1. 30E-05
not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE
not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE
not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE
not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE
not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE
not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE
not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE
not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE
not DE not DE	not DE not DE	not DE not DE	not DE not DE	not DE not DE	1. 118824 0. 043796155























3. 749661 2. 54E-37	2. 558555 0. 005608	not DE	not DE	5. 053811 2. 57E-60
2. 121218 5. 30E-06	not DE not DE	not DE	not DE	2. 465996 1. 08E-06
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	-1. 22694 0. 03204	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
-2. 3132 0. 025917933	-2. 38629 0. 040135	not DE	not DE	-3. 34131 0. 014845158
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
2. 236384 0. 005841582	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	-1. 12912 0. 000730199
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	1. 481605 0. 009924	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
2. 506443 2. 11E-09	not DE not DE	not DE	not DE	3. 33085 4. 10E-21
2. 385197 7. 96E-08	2. 227249 0. 01661	not DE	not DE	3. 338139 5. 73E-11
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
1. 018601 0. 019680786	not DE not DE	not DE	not DE	1. 368857 9. 60E-05
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
-1. 1686 0. 002813891	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	-1. 21763 7. 75E-07
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	7. 58049 1. 50E-05	not DE	not DE	7. 792908 5. 45E-08
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
1. 946303 0. 002479658	not DE not DE	not DE	not DE	2. 141024 0. 0028777
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE
not DE not DE	not DE not DE	not DE	not DE	not DE not DE



























not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	3. 067083	0. 026169	not DE	not DE	1. 58058	0. 030433263
not DE	not DE	not DE	not DE	not DE	not DE	2. 189859	0. 025773088
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1. 008833	0. 036381016	not DE	not DE	not DE	not DE	2. 302493	5. 30E-21
not DE	not DE	3. 95738	0. 003539	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-1. 0369	0. 046392	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1. 183836	0. 00459935
not DE	not DE	not DE	not DE	not DE	not DE	2. 228568	0. 020065
not DE	not DE	not DE	not DE	not DE	not DE	1. 063142	0. 000186088
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
4. 283908	7. 41E-13	2. 913949	0. 012822	not DE	not DE	4. 238268	9. 42E-11
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	4. 937714	3. 81E-05	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1. 41798	7. 49E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1. 283454	0. 003518557	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-2. 35166	0. 016906758
-1. 7981	8. 84E-07	not DE	not DE	-1. 37125	0. 000406	-2. 46498	6. 86E-09
1. 612424	0. 002192692	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1. 32045	0. 001109128	not DE	not DE	not DE	not DE	-3. 51158	2. 18E-13









































not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.246347	0.017922942
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.27935	0.001692689	not DE	not DE	not DE	not DE	2.789923	6.62E-10
-2.47756	3.62E-08	not DE	not DE	not DE	not DE	-3.62172	3.96E-13
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	4.308934	0.005515	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.529278	2.56E-61	1.531161	0.000497	not DE	not DE	3.392711	9.04E-48
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.11594	0.000605209	not DE	not DE	not DE	not DE	-1.94027	5.00E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	3.919813	0.000255	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.485617	7.70E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	2.237883	0.00098732
-1.14279	0.014636397	not DE	not DE	not DE	not DE	not DE	not DE
2.820207	7.05E-10	2.261551	0.005447	1.455736	0.024759	4.240277	6.36E-25
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.73032	0.005494901









not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-2.30295	1.78E-12	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	2.021112	0.021729	1.309973	0.000375	1.701397	0.002534158
-1.5305	0.000428082	not DE	not DE	not DE	not DE	-1.89954	0.000824209
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.832846	1.52E-21	2.020353	6.76E-05	not DE	not DE	3.40616	4.62E-15
-1.75674	1.31E-07	not DE	not DE	not DE	not DE	-2.34407	2.10E-07
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.778238	0.000124034	1.504031	0.000486	not DE	not DE	2.058206	1.17E-06
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.662406	0.01278039	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.1964	0.002320823	not DE	not DE	not DE	not DE	-3.55621	3.34E-08
-1.88466	0.019962295	not DE	not DE	not DE	not DE	-2.86881	9.61E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.193284	2.14E-05
-1.18241	0.018153837	not DE	not DE	not DE	not DE	-2.12278	0.00653136
4.993176	8.97E-12	not DE	not DE	not DE	not DE	3.630987	0.000141017
not DE	not DE	not DE	not DE	not DE	not DE	3.038085	0.008218969
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.35864	5.77E-06
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-2.12403	0.002695	not DE	not DE	not DE	not DE

































not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1. 14989	0. 015060348	not DE	not DE	not DE	not DE	1. 873415	4. 90E-06
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1. 155228	0. 016013086
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1. 620123	6. 59E-06	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1. 13119	0. 001650814	not DE	not DE	not DE	not DE	-2. 15953	2. 67E-08
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1. 31317	1. 85E-10	not DE	not DE	not DE	not DE	1. 450343	3. 22E-17
not DE	not DE	not DE	not DE	not DE	not DE	-1. 31107	0. 02882464
1. 030093	0. 007317223	not DE	not DE	not DE	not DE	1. 38441	1. 35E-07
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1. 60206	0. 030381418
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	1. 46544	0. 036598	1. 403215	0. 000212	not DE	not DE
1. 216814	0. 000326565	not DE	not DE	not DE	not DE	1. 335628	0. 017249399
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1. 080991	0. 025746834	1. 303862	0. 018665	not DE	not DE	1. 559293	0. 01050395
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2. 467919	4. 27E-09	1. 685831	0. 001408	not DE	not DE	3. 517743	5. 30E-14
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2. 245489	0. 043948483	not DE	not DE	not DE	not DE	3. 406083	0. 000444171
not DE	not DE	not DE	not DE	not DE	not DE	-1. 58437	4. 57E-08
not DE	not DE	not DE	not DE	not DE	not DE	1. 063021	5. 40E-07
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1. 634892	4. 21E-07
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1. 27869	0. 004343688















1. 475143 0. 010454953	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	1. 308095	2. 42E-11
not DE not DE	not DE	not DE	1. 592478	0. 04834	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	2. 518732	0. 02488834
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2. 16197 0. 036477126	not DE	not DE	not DE	not DE	-2. 23101	0. 048813321
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2. 50934 8. 26E-15	-1. 37579	0. 001087	-1. 23043	0. 00174	-2. 30106	3. 32E-10
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	1. 401432	0. 047488935
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	-2. 00148	0. 017377	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	-2. 25687	3. 32E-13
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	-5. 7788	0. 001527653
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2. 52328 0. 003662539	not DE	not DE	not DE	not DE	-4. 76201	1. 70E-05
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE not DE	not DE	not DE	not DE	not DE	-1. 13221	0. 003636084
not DE not DE	not DE	not DE	not DE	not DE	not DE	not DE







-1.01284	0.003775765	not DE	not DE	not DE	not DE	-1.40409	1.90E-05
not DE	not DE	not DE	not DE	1.284958	0.016694	-1.77771	0.010228246
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
4.854281	1.27E-43	3.683277	0.001909	not DE	not DE	5.405824	7.00E-43
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.204485	0.006764978	not DE	not DE	not DE	not DE	1.97848	0.030002245
not DE	not DE	-2.56892	0.040626	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.299534	0.014982875	not DE	not DE	2.492005	0.01393	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.676604	0.00187899	not DE	not DE	not DE	not DE	1.739933	0.000472953
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.09236	0.038016661	not DE	not DE	not DE	not DE	-1.79359	0.011569529
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
4.146554	8.69E-29	3.576777	2.02E-06	not DE	not DE	4.755372	1.71E-23
1.917016	0.000107371	1.323212	0.047424	not DE	not DE	2.234242	1.56E-06
not DE	not DE	not DE	not DE	not DE	not DE	-2.50941	0.003840484
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.796778	5.67E-18	not DE	not DE	not DE	not DE	1.653956	1.38E-07
not DE	not DE	1.172504	0.016069	not DE	not DE	1.058674	8.08E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.36357	0.013940263	not DE	not DE	not DE	not DE	-1.30587	0.029445996































not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-1.21578	0.023421	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.632767	7.45E-09	not DE	not DE	not DE	not DE	2.184547	4.22E-08
not DE	not DE	-2.39512	3.15E-11	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.436961	3.80E-05	not DE	not DE	not DE	not DE	1.129324	0.000869437
1.337333	0.019333074	not DE	not DE	not DE	not DE	1.557308	0.008082438
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.53645	6.15E-05
1.702743	0.004839257	not DE	not DE	1.308915	0.032238	2.149404	0.003865615
not DE	not DE	not DE	not DE	not DE	not DE	-1.56214	0.015878046
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.49732	0.00825756	not DE	not DE	not DE	not DE	-4.1652	1.59E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.82576	0.00012179
-1.60554	7.73E-07	not DE	not DE	-1.47538	2.30E-08	-1.02014	0.000546452
1.372071	4.20E-05	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.20791	4.71E-05
not DE	not DE	not DE	not DE	not DE	not DE	2.419578	1.45E-05
not DE	not DE	not DE	not DE	not DE	not DE	1.056422	0.000329459
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	-1.06995	0.032397	not DE	not DE









not DE	not DE	not DE	not DE	1.955074	0.015727	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
3.811043	0.002151194	3.407502	0.000123	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.603278	1.07E-08	not DE	not DE	not DE	not DE	2.114418	1.05E-12
not DE	not DE	-1.64384	2.72E-05	not DE	not DE	not DE	not DE
not DE	not DE	1.211047	0.033835	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.55093	1.95E-08	-1.67086	2.98E-08	not DE	not DE	-1.13625	0.003885288
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.12597	0.024403291	not DE	not DE	not DE	not DE	-1.07691	0.02414063
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	5.555116	0.001381	not DE	not DE	not DE	not DE
not DE	not DE	-4.45236	0.000126	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
4.057507	0.008270266	not DE	not DE	not DE	not DE	3.45675	0.018646547
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.423682	0.009784109
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	5.57655	0.001649	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.16149	0.016948321	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.86806	0.035514507	not DE	not DE	not DE	not DE	-2.98451	0.017417485











2. 207908	0. 036551605	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1. 190075	7. 88E-10
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1. 031118	0. 021820731
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1. 096125	4. 52E-07	not DE	not DE	not DE	not DE	1. 410032	6. 04E-08
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1. 292227	0. 005587082	not DE	not DE	not DE	not DE	1. 882872	5. 87E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1. 309767	3. 94E-10
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-7. 83092	9. 95E-64	-2. 17951	7. 46E-07	-2. 55759	1. 58E-13	-7. 10504	3. 38E-11
not DE	not DE	1. 684883	0. 037338	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1. 204124	0. 011834345
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1. 015752	0. 000481015
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-2. 05023	0. 006450029
not DE	not DE	not DE	not DE	not DE	not DE	-1. 09077	0. 047677698
not DE	not DE	not DE	not DE	not DE	not DE	-1. 02718	0. 043916147
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	1. 183865	0. 021084	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1. 424576	3. 81E-10





not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	1.36092	0.000419	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.77085	1.43E-07	not DE	not DE	not DE	not DE	-1.55488	0.000155965
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-4.07006	0.00323588
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.073586	0.003899692
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.17276	0.000154672	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	1.077741	0.001781	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.457754	0.004860201
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	2.864679	0.015618	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.710866	1.95E-08
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.36365	0.040087037
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	3.277347	0.012262	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.370949	0.000164136	not DE	not DE	not DE	not DE	1.462286	0.000892711
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.35599	0.048192885	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.417711	5.90E-08	not DE	not DE	not DE	not DE	3.089349	3.58E-11



not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-2.76437	0.000377705
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.51179	0.013079198
not DE	not DE	not DE	not DE	not DE	not DE	-1.10449	0.010547039
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	3.283106	0.006194	not DE	not DE	2.726719	0.00796107
not DE	not DE	-4.29332	1.10E-10	not DE	not DE	-3.35065	1.55E-10
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.991608	2.52E-09	2.389305	0.02912	3.448373	4.71E-10	3.674779	2.38E-14
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.45313	0.029324379
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.12082	5.90E-09	2.176659	0.013033	not DE	not DE	2.847086	9.06E-19
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.07572	0.000715627	not DE	not DE	not DE	not DE	-1.76933	1.40E-07
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.37003	0.004871059
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.263744	0.023500449	not DE	not DE	not DE	not DE	1.445473	0.000463256



















not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1. 591252	9. 72E-09	not DE	not DE	not DE	not DE	1. 437853	0. 000149393
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-2. 49031	0. 007313975
2. 986017	0. 001854707	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1. 54863	0. 000811918	not DE	not DE	not DE	not DE	-2. 66628	1. 63E-06
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-2. 16249	0. 038462	not DE	not DE	2. 395864	1. 54E-06
1. 872306	3. 87E-19	not DE	not DE	1. 138166	5. 68E-08	2. 608534	3. 02E-26
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1. 30293	0. 032954828
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2. 697892	0. 001392659	not DE	not DE	not DE	not DE	3. 91828	1. 08E-07
not DE	not DE	-1. 38519	0. 009382	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	-2. 57195	0. 003098	not DE	not DE	-1. 57451	0. 049325207
1. 134057	0. 023896595	not DE	not DE	not DE	not DE	1. 286442	0. 015091349
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1. 373132	1. 64E-06

not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2. 61158	1. 52E-21	not DE	not DE	not DE	not DE	2. 618378	2. 36E-09
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-3. 04867	0. 004198358	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1. 79189	0. 0297476
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1. 58091	0. 012937919	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2. 529738	0. 010195158	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1. 00595	8. 31E-09	not DE	not DE	not DE	not DE	-2. 13941	2. 83E-13
not DE	not DE	not DE	not DE	not DE	not DE	-1. 48523	0. 042260712
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	-1. 5946	0. 024527	not DE	not DE
not DE	not DE	not DE	not DE	-2. 54996	0. 012096	not DE	not DE
1. 74834	0. 017440211	not DE	not DE	not DE	not DE	not DE	not DE
-1. 38234	0. 007343337	not DE	not DE	not DE	not DE	-2. 90571	4. 89E-13
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1. 253799	1. 32E-10
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-2. 65209	0. 039399792
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
3. 592586	2. 17E-06	not DE	not DE	not DE	not DE	3. 664842	0. 004100509
not DE	not DE	not DE	not DE	-1. 3005	1. 01E-09	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1. 673623	2. 45E-06
1. 015185	0. 010639371	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	1. 557515	0. 022441	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1. 748659	0. 043864741





































not DE	not DE	not DE	not DE	1.562532	0.047051	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.03204	0.028203001
1.54914	0.004181805	not DE	not DE	not DE	not DE	1.60536	2.38E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.3465	0.044084583	not DE	not DE	not DE	not DE	-1.11939	0.041466381
not DE	not DE	not DE	not DE	not DE	not DE	-1.16666	0.011595772
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-2.36636	0.00402132
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	2.551173	0.000755	not DE	not DE
not DE	not DE	-1.82789	0.041799	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	2.921784	0.002724728
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.42186	0.005659801	-3.38591	0.002382	not DE	not DE	-4.09546	1.04E-14
not DE	not DE	not DE	not DE	not DE	not DE	-1.67314	0.030815093
not DE	not DE	1.289987	0.021962	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	1.190928	0.010446	not DE	not DE	1.043732	0.012623665
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.11665	6.46E-06	not DE	not DE	not DE	not DE	-2.01033	0.003792657
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
3.366119	2.70E-12	1.730787	0.023977	not DE	not DE	4.768105	1.07E-24
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.418721	2.44E-07
not DE	not DE	not DE	not DE	not DE	not DE	-1.25761	0.02934912







not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.78563	0.005233346	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.7836	7.32E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.2167	3.22E-06	not DE	not DE	not DE	not DE	-2.02167	2.52E-06
not DE	not DE	not DE	not DE	not DE	not DE	-1.40452	0.015966224
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-2.27913	0.00888928
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not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.18238	0.028562308	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
3.219532	3.38E-13	not DE	not DE	not DE	not DE	3.323266	2.32E-25
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.28577	2.09E-05	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.05545	4.26E-08	not DE	not DE	not DE	not DE	-2.28352	6.34E-06
2.371463	3.81E-07	not DE	not DE	not DE	not DE	2.778235	4.65E-06
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.63342	2.49E-14	not DE	not DE	not DE	not DE	not DE	not DE
-2.16913	0.007863828	-1.393	0.001864	-1.20346	1.99E-05	-2.08146	7.70E-16
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.53349	0.012041721
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.18027	0.007187115	not DE	not DE	not DE	not DE	-2.43908	1.03E-06
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.12601	0.014054895
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.27544	0.011700261
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.20146	0.028450947











3. 34036 7. 45E-09	not DE	not DE	1. 993781 0. 02674	3. 894423 1. 44E-11
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
1. 804574 0. 004216551	not DE	not DE	not DE not DE	1. 601504 0. 021847461
not DE not DE	not DE	not DE	not DE not DE	1. 450075 5. 70E-06
-1. 54672 0. 004637925	not DE	not DE	not DE not DE	-1. 91816 0. 003270055
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	-1. 45053 0. 003901	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
-2. 17529 0. 000751482	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
3. 35068 0. 000342288	not DE	not DE	not DE not DE	3. 23333 0. 000276537
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
-2. 9369 0. 000782505	not DE	not DE	not DE not DE	-4. 168 2. 05E-05
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
1. 402541 0. 011679274	-2. 74767 0. 045004	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	-1. 22483 0. 004016069
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	1. 869315 0. 03624	not DE	not DE not DE	1. 452428 3. 33E-07
not DE not DE	not DE	not DE	not DE not DE	1. 315557 0. 041639551
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
-3. 44364 9. 33E-07	-4. 16108 1. 65E-07	not DE	not DE not DE	-5. 1138 7. 51E-10
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
not DE not DE	not DE	not DE	not DE not DE	not DE not DE
9. 641102 2. 60E-81	6. 714527 1. 67E-05	not DE	not DE not DE	10. 39306 1. 74E-87
not DE not DE	not DE	not DE	not DE not DE	not DE not DE



not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.18593	0.003783803
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.491686	0.001331389
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.4196	0.003207056	not DE	not DE	not DE	not DE	-2.91848	3.50E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.259185	0.031983776	not DE	not DE	1.420371	0.02624	3.334779	2.50E-06
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.54807	0.002866412	not DE	not DE	not DE	not DE	-1.25227	0.03676474
-1.71391	0.016819041	not DE	not DE	not DE	not DE	-2.30612	0.000239668
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.26307	0.047468905	not DE	not DE	not DE	not DE	-2.23086	0.002431023
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.133051	0.000177679	not DE	not DE	not DE	not DE	1.426835	5.16E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.155297	0.02523903	not DE	not DE	not DE	not DE	2.24457	8.08E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	2.008181	0.005026	not DE	not DE	not DE	not DE
-2.45715	6.20E-05	not DE	not DE	not DE	not DE	-3.22228	1.24E-07
-1.14785	0.041816537	not DE	not DE	not DE	not DE	-1.66163	0.00226686
2.924848	0.021883858	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-3.35924	0.000252737
1.135506	0.001568762	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.75451	0.003294522
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	1.940301	0.019498	not DE	not DE	not DE	not DE
1.19527	0.000101226	not DE	not DE	not DE	not DE	2.861636	4.78E-14
not DE	not DE	not DE	not DE	-1.77674	0.03434	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-2.76509	0.004210922	not DE	not DE	not DE	not DE	-3.82631	2.38E-05
not DE	not DE	-2.31083	0.00319	not DE	not DE	not DE	not DE

















-2.98559	0.002797314	not DE	not DE	not DE	not DE	-4.43651	4.29E-05
not DE	not DE	not DE	not DE	not DE	not DE	-2.24908	1.46E-11
not DE	not DE	not DE	not DE	not DE	not DE	-1.46484	0.00209792
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.70009	0.001400096	not DE	not DE	not DE	not DE	-2.71274	1.58E-06
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-5.71108	0.000367409	not DE	not DE	-7.96554	0.000112	-5.97804	0.000182787
not DE	not DE	not DE	not DE	not DE	not DE	1.165219	3.55E-06
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.279782	0.000141873
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.41207	6.07E-06	not DE	not DE	not DE	not DE	3.433269	9.87E-16
1.981161	1.23E-05	not DE	not DE	not DE	not DE	2.771341	1.44E-11
-1.78231	0.001883381	not DE	not DE	not DE	not DE	-2.28101	0.0001333
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	8.003949	4.73E-08	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	4.221844	0.001466849
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	7.591935	0.000123	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
4.106998	2.75E-08	not DE	not DE	not DE	not DE	4.901226	6.45E-10
-1.55605	0.002824901	not DE	not DE	not DE	not DE	-2.03999	2.05E-05
not DE	not DE	-1.14086	0.036972	not DE	not DE	-1.24388	0.009933478
-1.74603	0.000619666	not DE	not DE	not DE	not DE	-2.02896	0.002109684
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
1.371493	0.0008355	not DE	not DE	1.151871	0.00352	3.138929	2.61E-27
2.111987	9.76E-06	not DE	not DE	1.588377	0.002971	2.145344	4.43E-05
not DE	not DE	not DE	not DE	not DE	not DE	-1.61342	0.032943348
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	-1.04418	1.26E-07	not DE	not DE



















not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.720742	0.001468064
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.29248	0.000540506	-1.90306	1.86E-05	not DE	not DE	-1.43731	0.017404203
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.24441	0.027444727
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.59001	0.029619444
1.055433	3.11E-05	not DE	not DE	not DE	not DE	1.343269	9.22E-08
not DE	not DE	not DE	not DE	1.939801	0.007391	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.052395	0.014988572
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.116552	1.46E-05
not DE	not DE	4.005742	8.83E-05	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	-1.62842	0.000134122
not DE	not DE	not DE	not DE	not DE	not DE	-1.02163	0.006517365
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-3.0126	0.012349958	not DE	not DE	not DE	not DE	-4.61794	0.000211535
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
-1.42853	7.36E-05	not DE	not DE	not DE	not DE	-1.44446	6.53E-05
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
2.823933	0.019680786	3.852137	0.006996	not DE	not DE	3.265206	0.006526204
not DE	not DE	not DE	not DE	not DE	not DE	1.107893	2.41E-05
not DE	not DE	-1.93632	0.001439	not DE	not DE	-1.41916	0.01452721
-4.23142	0.000467363	not DE	not DE	not DE	not DE	-4.14408	0.000248311
not DE	not DE	not DE	not DE	not DE	not DE	not DE	not DE
not DE	not DE	not DE	not DE	not DE	not DE	1.226396	0.016687478





























































































