

GRMZM2G009189	0.00	
GRMZM2G009653	0.00	
GRMZM2G009673	12.33	
GRMZM2G009735	0.00	
GRMZM2G009928	40.20	Putative small multi-drug export
GRMZM2G009928	40.20	Putative small multi-drug export
GRMZM2G009928	40.20	Putative small multi-drug export
GRMZM2G010302	0.00	Single-stranded nucleic acid binding R3H
GRMZM2G010868	13.89	amylase inhibitor
GRMZM2G010868	13.89	amylase inhibitor
GRMZM2G011513		C2 calcium-dependent membrane targeting
GRMZM2G011518	0.00	Small GTP-binding protein
GRMZM2G011518	0.00	Small GTP-binding protein
GRMZM2G011518	0.00	Small GTP-binding protein
GRMZM2G011862	0.00	Kelch repeat type 2
GRMZM2G011919	0.00	Tyrosine protein kinase
GRMZM2G011919	0.00	Tyrosine protein kinase
GRMZM2G011919	0.00	Tyrosine protein kinase
GRMZM2G011919	0.00	Tyrosine protein kinase
GRMZM2G011919	0.00	Tyrosine protein kinase
GRMZM2G011919	0.00	Tyrosine protein kinase
GRMZM2G012021	0.00	Protein of unknown function DUF231, plant
GRMZM2G012041	0.00	Zinc finger, CCCH-type
GRMZM2G012041	0.00	Zinc finger, CCCH-type
GRMZM2G012200	0.00	
GRMZM2G012453	0.00	S1, RNA binding
GRMZM2G012453	0.00	S1, RNA binding
GRMZM2G012453	0.00	S1, RNA binding
GRMZM2G012453	0.00	S1, RNA binding
GRMZM2G012891	0.00	Antifreeze protein, type I
GRMZM2G012891	0.00	Antifreeze protein, type I
GRMZM2G012891	0.00	Antifreeze protein, type I
GRMZM2G013115	108.78	DNA topoisomerase, type IIA, subunit B
GRMZM2G013115	108.78	DNA topoisomerase, type IIA, subunit B
GRMZM2G013115	108.78	DNA topoisomerase, type IIA, subunit B
GRMZM2G013115	108.78	DNA topoisomerase, type IIA, subunit B
GRMZM2G013607	24.37	Ferredoxin
GRMZM2G013607	24.37	Ferredoxin
GRMZM2G013695	0.00	Thioredoxin-like fold
GRMZM2G013695	0.00	Thioredoxin-like fold
GRMZM2G013695	0.00	Thioredoxin-like fold
GRMZM2G014119	0.00	Ubiquitin
GRMZM2G014395	0.00	Cytochrome P450, E-class, group IV

GRMZM2G014395	0.00	Cytochrome P450, E-class, group IV
GRMZM2G014395	0.00	Cytochrome P450, E-class, group IV
GRMZM2G015395	0.00	Kinesin, motor region
GRMZM2G015395	0.00	Kinesin, motor region
GRMZM2G015395	0.00	Kinesin, motor region
GRMZM2G015605	0.00	Uncharacterised protein family UPF0057
GRMZM2G016097		Like-Sm ribonucleoprotein-related, core
GRMZM2G016232		TATA box binding protein associated factor (TAF)
GRMZM2G016232		TATA box binding protein associated factor (TAF)
GRMZM2G016232		TATA box binding protein associated factor (TAF)
GRMZM2G016605	0.00	Lipase, GDXG, active site
GRMZM2G016738	0.00	
GRMZM2G016878	0.00	Kelch repeat type 2
GRMZM2G017419	0.00	Thioredoxin-like subdomain
GRMZM2G017682	0.00	
GRMZM2G018314	0.00	DEAD-like helicase, N-terminal
GRMZM2G018447	0.00	Ubiquitin-conjugating enzyme/RWD-like
GRMZM2G018447	0.00	Ubiquitin-conjugating enzyme/RWD-like
GRMZM2G018447	0.00	Ubiquitin-conjugating enzyme/RWD-like
GRMZM2G018447	0.00	Ubiquitin-conjugating enzyme/RWD-like
GRMZM2G018678	0.00	
GRMZM2G019553	0.00	Cytochrome C biogenesis protein CcmH
GRMZM2G019746	0.00	AMP-dependent synthetase and ligase
GRMZM2G020934	0.00	
GRMZM2G021055	0.00	Multi antimicrobial extrusion protein MatE
GRMZM2G021055	0.00	Multi antimicrobial extrusion protein MatE
GRMZM2G021694	0.00	Protein of unknown function DUF177
GRMZM2G021865	0.00	EF-HAND 1
GRMZM2G022206	0.00	Ubiquitin-conjugating enzyme/RWD-like
GRMZM2G022206	0.00	Ubiquitin-conjugating enzyme/RWD-like
GRMZM2G022206	0.00	Ubiquitin-conjugating enzyme/RWD-like
GRMZM2G023387	0.00	Thioredoxin-like subdomain
GRMZM2G023836	0.00	Tyrosine protein kinase
GRMZM2G023836	0.00	Tyrosine protein kinase
GRMZM2G023836	0.00	Tyrosine protein kinase
GRMZM2G025243	0.00	Short-chain dehydrogenase/reductase SDR
GRMZM2G025243	0.00	Short-chain dehydrogenase/reductase SDR
GRMZM2G025243	0.00	Short-chain dehydrogenase/reductase SDR
GRMZM2G025954		Thioredoxin-like subdomain
GRMZM2G026322	0.00	Cytochrome P450, E-class, group IV
GRMZM2G026322	0.00	Cytochrome P450, E-class, group IV
GRMZM2G026322	0.00	Cytochrome P450, E-class, group IV
GRMZM2G026447	0.00	component/perforin/complement C9

GRMZM2G027232	19.47	Ribosomal protein L11, bacterial-type
GRMZM2G027232	19.47	Ribosomal protein L11, bacterial-type
GRMZM2G027392	0.00	B12D
GRMZM2G027592	0.00	Zinc finger, PHD-type
GRMZM2G027592	0.00	Zinc finger, PHD-type
GRMZM2G027857	0.00	Syntaxin, N-terminal
GRMZM2G027860	0.00	ATPase, P-type, K/Mg/Cd/Cu/Zn/Na/Ca/Na/H-transporter
GRMZM2G027860	0.00	ATPase, P-type, K/Mg/Cd/Cu/Zn/Na/Ca/Na/H-transporter
GRMZM2G027860	0.00	ATPase, P-type, K/Mg/Cd/Cu/Zn/Na/Ca/Na/H-transporter
GRMZM2G027860	0.00	ATPase, P-type, K/Mg/Cd/Cu/Zn/Na/Ca/Na/H-transporter
GRMZM2G029713	0.00	Armadillo-type fold
GRMZM2G030528	0.00	
GRMZM2G030583	0.00	Terpenoid synthase
GRMZM2G030583	0.00	Terpenoid synthase
GRMZM2G030762	0.00	Peptidase M14, carboxypeptidase A
GRMZM2G030762	0.00	Peptidase M14, carboxypeptidase A
GRMZM2G030762	0.00	Peptidase M14, carboxypeptidase A
GRMZM2G030762	0.00	Peptidase M14, carboxypeptidase A
GRMZM2G030762	0.00	Peptidase M14, carboxypeptidase A
GRMZM2G030762	0.00	Peptidase M14, carboxypeptidase A
GRMZM2G031204		Peptidyl-prolyl cis-trans isomerase, FKBP-type
GRMZM2G031501	0.00	MTCP1
GRMZM2G031568	0.00	
GRMZM2G031620	0.00	Antifreeze protein, type I
GRMZM2G031620	0.00	Antifreeze protein, type I
GRMZM2G031620	0.00	Antifreeze protein, type I
GRMZM2G033138	0.00	Zinc finger, PHD-type
GRMZM2G033138	0.00	Zinc finger, PHD-type
GRMZM2G033138	0.00	Zinc finger, PHD-type
GRMZM2G033138	0.00	Zinc finger, PHD-type
GRMZM2G033138	0.00	Zinc finger, PHD-type
GRMZM2G033867	0.00	
GRMZM2G034096	25.70	Protein of unknown function DUF498
GRMZM2G034225	16.49	
GRMZM2G034896	0.00	Riboflavin synthase-like beta-barrel
GRMZM2G034896	0.00	Riboflavin synthase-like beta-barrel
GRMZM2G034896	0.00	Riboflavin synthase-like beta-barrel
GRMZM2G034896	0.00	Riboflavin synthase-like beta-barrel
GRMZM2G035708	0.00	Peptidyl-prolyl cis-trans isomerase, FKBP-type
GRMZM2G036629	0.00	Plant metallothionein, family 15
GRMZM2G037413	0.00	Zinc finger, RING-type
GRMZM2G037413	0.00	Zinc finger, RING-type
GRMZM2G037413	0.00	Zinc finger, RING-type

GRMZM2G037413	0.00	Zinc finger, RING-type
GRMZM2G037413	0.00	Zinc finger, RING-type
GRMZM2G038375	0.00	Tim17/22
GRMZM2G038375	0.00	Tim17/22
GRMZM2G039312	0.00	Protein of unknown function DUF623, plant
GRMZM2G039381	13.89	Plastocyanin-like
GRMZM2G039381	13.89	Plastocyanin-like
GRMZM2G039622	0.00	Target SNARE coiled-coil region
GRMZM2G039949	142.13	
GRMZM2G040673	0.00	Protein of unknown function DUF623, plant
GRMZM2G040673	0.00	Protein of unknown function DUF623, plant
GRMZM2G040673	0.00	Protein of unknown function DUF623, plant
GRMZM2G040673	0.00	Protein of unknown function DUF623, plant
GRMZM2G040843	0.00	Six-hairpin glycosidase-like
GRMZM2G040843	0.00	Six-hairpin glycosidase-like
GRMZM2G040843	0.00	Six-hairpin glycosidase-like
GRMZM2G040843	0.00	Six-hairpin glycosidase-like
GRMZM2G040843	0.00	Six-hairpin glycosidase-like
GRMZM2G042078		ATPase, F0 complex, subunit G, mitochondrial
GRMZM2G042078		ATPase, F0 complex, subunit G, mitochondrial
GRMZM2G042078		ATPase, F0 complex, subunit G, mitochondrial
GRMZM2G042078		ATPase, F0 complex, subunit G, mitochondrial
GRMZM2G042164	0.00	Peptidase S26A, signal peptidase I
GRMZM2G042164	0.00	Peptidase S26A, signal peptidase I
GRMZM2G042164	0.00	Peptidase S26A, signal peptidase I
GRMZM2G042881	0.00	Uncharacterised protein family UPF0414
GRMZM2G044180	0.00	Protein kinase-like
GRMZM2G044180	0.00	Protein kinase-like
GRMZM2G044180	0.00	Protein kinase-like
GRMZM2G044440	0.00	Ubiquitin
GRMZM2G044963		Recoverin
GRMZM2G045084	0.00	Zinc finger, RING-type
GRMZM2G045084	0.00	Zinc finger, RING-type
GRMZM2G045236	0.00	cAMP response element binding (CREB) protein
GRMZM2G045236	0.00	cAMP response element binding (CREB) protein
GRMZM2G045236	0.00	cAMP response element binding (CREB) protein
GRMZM2G045236	0.00	cAMP response element binding (CREB) protein
GRMZM2G045268	0.00	
GRMZM2G045844	0.00	Harpin-induced 1
GRMZM2G046676	0.00	Snf7
GRMZM2G046846	0.00	Protein of unknown function DUF668
GRMZM2G046961	21.77	
GRMZM2G047299	0.00	Uncharacterised protein family UPF0041

GRMZM2G047533	0.00	Alpha/beta hydrolase fold-1
GRMZM2G047588	0.00	Tyrosine protein kinase
GRMZM2G047588	0.00	Tyrosine protein kinase
GRMZM2G047588	0.00	Tyrosine protein kinase
GRMZM2G048672	0.00	Macrophage migration inhibitory factor
GRMZM2G049031	0.00	eukaryotic
GRMZM2G049372	0.00	Sugar/inositol transporter
GRMZM2G049372	0.00	Sugar/inositol transporter
GRMZM2G049372	0.00	Sugar/inositol transporter
GRMZM2G049372	0.00	Sugar/inositol transporter
GRMZM2G049893	0.00	
GRMZM2G050485	0.00	Pentatricopeptide repeat
GRMZM2G050885	0.00	Ankyrin
GRMZM2G051153	0.00	
GRMZM2G051355	0.00	Aldo/keto reductase, conserved site
GRMZM2G051403	0.00	
GRMZM2G051637	0.00	Tyrosine protein kinase
GRMZM2G051637	0.00	Tyrosine protein kinase
GRMZM2G051637	0.00	Tyrosine protein kinase
GRMZM2G051637	0.00	Tyrosine protein kinase
GRMZM2G052142	0.00	Ubiquitin-conjugating enzyme/RWD-like
GRMZM2G052142	0.00	Ubiquitin-conjugating enzyme/RWD-like
GRMZM2G052142	0.00	Ubiquitin-conjugating enzyme/RWD-like
GRMZM2G052142	0.00	Ubiquitin-conjugating enzyme/RWD-like
GRMZM2G052142	0.00	Ubiquitin-conjugating enzyme/RWD-like
GRMZM2G053079	0.00	NERD
GRMZM2G053554	0.00	Glycoside hydrolase, family 27
GRMZM2G053554	0.00	Glycoside hydrolase, family 27
GRMZM2G054805	0.00	
GRMZM2G055501	0.00	Lipase, class 3
GRMZM2G055501	0.00	Lipase, class 3
GRMZM2G055567	0.00	RNA polymerase, N-terminal
GRMZM2G055567	0.00	RNA polymerase, N-terminal
GRMZM2G055567	0.00	RNA polymerase, N-terminal
GRMZM2G055717	0.00	
GRMZM2G056231	0.00	Histone-fold
GRMZM2G056442	0.00	Leucine-rich repeat
GRMZM2G056488	0.00	
GRMZM2G056638	0.00	BURP
GRMZM2G056828		Ribosomal protein S21e
GRMZM2G056828		Ribosomal protein S21e
GRMZM2G056857		Peptidase S1C, HrtA/DegP2/Q/S
GRMZM2G056857		Peptidase S1C, HrtA/DegP2/Q/S

GRMZM2G056857		Peptidase S1C, HrtA/DegP2/Q/S
GRMZM2G056914	0.00	Protein of unknown function DUF569
GRMZM2G057078	0.00	
GRMZM2G057129		Magnesium-dependent phosphatase-1
GRMZM2G057129		Magnesium-dependent phosphatase-1
GRMZM2G057176	0.00	WD40 repeat
GRMZM2G057829	0.00	
GRMZM2G058252	11.17	Small nuclear ribonucleoprotein SmF
GRMZM2G059012	0.00	Tyrosine protein kinase
GRMZM2G059012	0.00	Tyrosine protein kinase
GRMZM2G059012	0.00	Tyrosine protein kinase
GRMZM2G059012	0.00	Tyrosine protein kinase
GRMZM2G059012	0.00	Tyrosine protein kinase
GRMZM2G059012	0.00	Tyrosine protein kinase
GRMZM2G059012	0.00	Tyrosine protein kinase
GRMZM2G059012	0.00	Tyrosine protein kinase
GRMZM2G059637	0.00	Phospholipid/glycerol acyltransferase
GRMZM2G060322	0.00	
GRMZM2G060511		Ribosomal protein L37, mitochondrial
GRMZM2G061303	0.00	TGF-beta receptor, type I/II extracellular region
GRMZM2G061303	0.00	TGF-beta receptor, type I/II extracellular region
GRMZM2G061398	0.00	Protein of unknown function DUF632
GRMZM2G061398	0.00	Protein of unknown function DUF632
GRMZM2G061398	0.00	Protein of unknown function DUF632
GRMZM2G061398	0.00	Protein of unknown function DUF632
GRMZM2G062481	11.01	Phosphopantetheine-binding
GRMZM2G062481	11.01	Phosphopantetheine-binding
GRMZM2G062481	11.01	Phosphopantetheine-binding
GRMZM2G062481	11.01	Phosphopantetheine-binding
GRMZM2G062854	0.00	binding
GRMZM2G062854	0.00	binding
GRMZM2G062854	0.00	binding
GRMZM2G062854	0.00	binding
GRMZM2G062854	0.00	binding
GRMZM2G062854	0.00	binding
GRMZM2G063435	0.00	Plant peroxidase
GRMZM2G063435	0.00	Plant peroxidase
GRMZM2G063435	0.00	Plant peroxidase
GRMZM2G063435	0.00	Plant peroxidase
GRMZM2G063468	0.00	Sterile alpha motif SAM
GRMZM2G063802	15.68	HR-like lesion-inducer
GRMZM2G064005	0.00	WD40 repeat-like
GRMZM2G064107	0.00	
GRMZM2G064603	0.00	Uridine kinase

GRMZM2G064603	0.00	Uridine kinase
GRMZM2G064603	0.00	Uridine kinase
GRMZM2G064603	0.00	Uridine kinase
GRMZM2G064603	0.00	Uridine kinase
GRMZM2G064603	0.00	Uridine kinase
GRMZM2G064708	0.00	Peptidase aspartic, active site
GRMZM2G064708	0.00	Peptidase aspartic, active site
GRMZM2G064708	0.00	Peptidase aspartic, active site
GRMZM2G064708	0.00	Peptidase aspartic, active site
GRMZM2G064708	0.00	Peptidase aspartic, active site
GRMZM2G064708	0.00	Peptidase aspartic, active site
GRMZM2G064807	0.00	Ribosomal protein L19
GRMZM2G064807	0.00	Ribosomal protein L19
GRMZM2G064905	0.00	Zinc finger, C2H2-type
GRMZM2G064905	0.00	Zinc finger, C2H2-type
GRMZM2G064905	0.00	Zinc finger, C2H2-type
GRMZM2G065012	0.00	Antifreeze protein, type I
GRMZM2G065012	0.00	Antifreeze protein, type I
GRMZM2G065012	0.00	Antifreeze protein, type I
GRMZM2G065950	32.39	TonB box, conserved site
GRMZM2G066448	0.00	IQ calmodulin-binding region
GRMZM2G066469	0.00	Peptidase S26A, signal peptidase I
GRMZM2G066469	0.00	Peptidase S26A, signal peptidase I
GRMZM2G066469	0.00	Peptidase S26A, signal peptidase I
GRMZM2G066561	6.48	
GRMZM2G066612	8.56	Thioredoxin-like fold
GRMZM2G067022	0.00	Amino acid transporter, transmembrane
GRMZM2G067303		Ribosomal protein S10, eukaryotic/archaeal
GRMZM2G067303		Ribosomal protein S10, eukaryotic/archaeal
GRMZM2G067707	9.75	UcrQ
GRMZM2G067707	9.75	UcrQ
GRMZM2G069668	0.00	DNA-binding WRKY
GRMZM2G069668	0.00	DNA-binding WRKY
GRMZM2G069668	0.00	DNA-binding WRKY
GRMZM2G069976	0.00	Protein of unknown function DUF1336
GRMZM2G070011	0.00	Proteinase inhibitor I29, cathepsin propeptide
GRMZM2G070011	0.00	Proteinase inhibitor I29, cathepsin propeptide
GRMZM2G070011	0.00	Proteinase inhibitor I29, cathepsin propeptide
GRMZM2G070305	0.00	Peroxisome biogenesis factor 1, N-terminal
GRMZM2G070305	0.00	Peroxisome biogenesis factor 1, N-terminal
GRMZM2G070305	0.00	Peroxisome biogenesis factor 1, N-terminal
GRMZM2G070305	0.00	Peroxisome biogenesis factor 1, N-terminal
GRMZM2G070305	0.00	Peroxisome biogenesis factor 1, N-terminal

GRMZM2G070305	0.00	Peroxisome biogenesis factor 1, N-terminal
GRMZM2G070305	0.00	Peroxisome biogenesis factor 1, N-terminal
GRMZM2G071172	0.00	
GRMZM2G071360	0.00	Protein of unknown function DUF1068
GRMZM2G071450	18.65	Plastocyanin
GRMZM2G071450	18.65	Plastocyanin
GRMZM2G071450	18.65	Plastocyanin
GRMZM2G071450	18.65	Plastocyanin
GRMZM2G072146	0.00	conserved site
GRMZM2G072146	0.00	conserved site
GRMZM2G072146	0.00	conserved site
GRMZM2G072415	0.00	Tim17/22
GRMZM2G072415	0.00	Tim17/22
GRMZM2G072600	0.00	Pentatricopeptide repeat
GRMZM2G073535	0.00	Translation initiation factor SUI1
GRMZM2G073535	0.00	Translation initiation factor SUI1
GRMZM2G073630	0.00	Tropomyosin
GRMZM2G073630	0.00	Tropomyosin
GRMZM2G073630	0.00	Tropomyosin
GRMZM2G073916	0.00	FeS cluster insertion
GRMZM2G073916	0.00	FeS cluster insertion
GRMZM2G073916	0.00	FeS cluster insertion
GRMZM2G074208	0.00	N-6 adenine-specific DNA methylase, conserved site
GRMZM2G074208	0.00	N-6 adenine-specific DNA methylase, conserved site
GRMZM2G075003	0.00	Zinc finger, Tim10/DDP-type
GRMZM2G075588	0.00	Synaptobrevin
GRMZM2G076272	0.00	POX
GRMZM2G076272	0.00	POX
GRMZM2G076272	0.00	POX
GRMZM2G076272	0.00	POX
GRMZM2G076276	0.00	Glycosyl transferase, family 8
GRMZM2G076537	0.00	Polynucleotidyl transferase, Ribonuclease H fold
GRMZM2G076537	0.00	Polynucleotidyl transferase, Ribonuclease H fold
GRMZM2G076665	0.00	DNA-directed RNA polymerase, M/15 kDa subunit
GRMZM2G076665	0.00	DNA-directed RNA polymerase, M/15 kDa subunit
GRMZM2G076665	0.00	DNA-directed RNA polymerase, M/15 kDa subunit
GRMZM2G077069	0.00	Cyclin-like F-box
GRMZM2G077655	0.00	Tyrosine protein kinase
GRMZM2G077655	0.00	Tyrosine protein kinase
GRMZM2G077655	0.00	Tyrosine protein kinase
GRMZM2G077655	0.00	Tyrosine protein kinase
GRMZM2G077811	0.00	Thioesterase superfamily
GRMZM2G077991		Ribosomal protein, zinc-binding

GRMZM2G077991		Ribosomal protein, zinc-binding
GRMZM2G078013	0.00	Leucine-rich repeat
GRMZM2G078013	0.00	Leucine-rich repeat
GRMZM2G078013	0.00	Leucine-rich repeat
GRMZM2G079162	0.00	
GRMZM2G079805	0.00	Cyclin-like F-box
GRMZM2G080530	0.00	Leucine-rich repeat, typical subtype
GRMZM2G081622		Small GTP-binding protein
GRMZM2G081622		Small GTP-binding protein
GRMZM2G081622		Small GTP-binding protein
GRMZM2G081774	0.00	Sugar/inositol transporter
GRMZM2G081774	0.00	Sugar/inositol transporter
GRMZM2G081826	0.00	
GRMZM2G081953	0.00	Protein of unknown function DUF566
GRMZM2G082222		
GRMZM2G082696	0.00	LisH dimerisation motif, subgroup
GRMZM2G083497		Ribosomal protein S8
GRMZM2G083497		Ribosomal protein S8
GRMZM2G084389	0.00	Tim17/22
GRMZM2G084389	0.00	Tim17/22
GRMZM2G084429	16.98	
GRMZM2G084465		Ribosomal protein S23, eukaryotic/archaeal
GRMZM2G084465		Ribosomal protein S23, eukaryotic/archaeal
GRMZM2G086002	0.00	YL1 nuclear, C-terminal
GRMZM2G086093	0.00	
GRMZM2G086669	0.00	Ribosomal protein L35
GRMZM2G086669	0.00	Ribosomal protein L35
GRMZM2G086935	0.00	
GRMZM2G087079	0.00	
GRMZM2G087245		Lipase/lipoxygenase, PLAT/LH2
GRMZM2G087395	0.00	RNA-binding, CRM domain
GRMZM2G087824	25.14	
GRMZM2G088014	0.00	WD40 repeat-like
GRMZM2G088669		Heavy metal transport/detoxification protein
GRMZM2G088669		Heavy metal transport/detoxification protein
GRMZM2G088880		Ribosomal protein, zinc-binding
GRMZM2G088880		Ribosomal protein, zinc-binding
GRMZM2G089454	0.00	Small GTP-binding protein
GRMZM2G089454	0.00	Small GTP-binding protein
GRMZM2G089454	0.00	Small GTP-binding protein
GRMZM2G089673	0.00	Protein of unknown function DUF1336
GRMZM2G089688	0.00	Rab5-interacting
GRMZM2G089959	0.00	Pentatricopeptide repeat

GRMZM2G090576	0.00	Tetratricopeptide TPR-4
GRMZM2G090872		GroES-like
GRMZM2G090872		GroES-like
GRMZM2G091276	0.00	GH3 auxin-responsive promoter
GRMZM2G091715	0.00	Phosphopantetheine-binding
GRMZM2G091715	0.00	Phosphopantetheine-binding
GRMZM2G091715	0.00	Phosphopantetheine-binding
GRMZM2G091715	0.00	Phosphopantetheine-binding
GRMZM2G092232	105.33	Tropomyosin
GRMZM2G092232	105.33	Tropomyosin
GRMZM2G092232	105.33	Tropomyosin
GRMZM2G092581	0.00	Wilm's tumour protein region, bacterial
GRMZM2G092581	0.00	Wilm's tumour protein region, bacterial
GRMZM2G092747	0.00	Protein of unknown function DUF567
GRMZM2G092888	0.00	Protein phosphatase 2C-related
GRMZM2G093325	0.00	
GRMZM2G093761	17.33	MD-2-related lipid-recognition
GRMZM2G094444	0.00	Mitochondrial substrate/solute carrier
GRMZM2G094444	0.00	Mitochondrial substrate/solute carrier
GRMZM2G094444	0.00	Mitochondrial substrate/solute carrier
GRMZM2G095302	0.00	Protein kinase-like
GRMZM2G095302	0.00	Protein kinase-like
GRMZM2G095302	0.00	Protein kinase-like
GRMZM2G095302	0.00	Protein kinase-like
GRMZM2G095511	0.00	Ribosomal protein S10
GRMZM2G095511	0.00	Ribosomal protein S10
GRMZM2G096286	0.00	Terpenoid synthase
GRMZM2G096604	0.00	
GRMZM2G096695		Protein of unknown function DUF861, cupin-3
GRMZM2G096962		Ribosomal protein L9 N-terminal-like
GRMZM2G096962		Ribosomal protein L9 N-terminal-like
GRMZM2G097641	0.00	Sucrose-phosphate phosphatase
GRMZM2G097641	0.00	Sucrose-phosphate phosphatase
GRMZM2G097641	0.00	Sucrose-phosphate phosphatase
GRMZM2G097641	0.00	Sucrose-phosphate phosphatase
GRMZM2G097641	0.00	Sucrose-phosphate phosphatase
GRMZM2G097728		
GRMZM2G097929	0.00	
GRMZM2G098278	0.00	Chemotaxis methyl-accepting receptor
GRMZM2G098278	0.00	Chemotaxis methyl-accepting receptor
GRMZM2G098278	0.00	Chemotaxis methyl-accepting receptor
GRMZM2G098278	0.00	Chemotaxis methyl-accepting receptor
GRMZM2G098527	12.70	

GRMZM2G098957		Ribosomal protein L14b/L23e
GRMZM2G098957		Ribosomal protein L14b/L23e
GRMZM2G099253	53.42	RNA helicase, ATP-dependent, DEAD-box, conserved site
GRMZM2G099253	53.42	RNA helicase, ATP-dependent, DEAD-box, conserved site
GRMZM2G099253	53.42	RNA helicase, ATP-dependent, DEAD-box, conserved site
GRMZM2G099547	0.00	Protein of unknown function DUF167
GRMZM2G100462		Ribosomal S11, conserved site
GRMZM2G100462		Ribosomal S11, conserved site
GRMZM2G101393	0.00	Protein of unknown function DUF869, plant
GRMZM2G101698	0.00	
GRMZM2G101958	13.91	amylase inhibitor
GRMZM2G101958	13.91	amylase inhibitor
GRMZM2G102230		Ribosomal protein L14b/L23e
GRMZM2G102230		Ribosomal protein L14b/L23e
GRMZM2G102471		Ubiquitin-conjugating enzyme/RWD-like
GRMZM2G102471		Ubiquitin-conjugating enzyme/RWD-like
GRMZM2G102471		Ubiquitin-conjugating enzyme/RWD-like
GRMZM2G102601	0.00	terminal
GRMZM2G102601	0.00	terminal
GRMZM2G102601	0.00	terminal
GRMZM2G102601	0.00	terminal
GRMZM2G102601	0.00	terminal
GRMZM2G102891	0.00	Ribosomal protein P2
GRMZM2G102891	0.00	Ribosomal protein P2
GRMZM2G103135	0.00	
GRMZM2G103900	0.00	
GRMZM2G104025		Ribosomal protein L18e
GRMZM2G104025		Ribosomal protein L18e
GRMZM2G104092	0.00	Cellulose synthase
GRMZM2G104092	0.00	Cellulose synthase
GRMZM2G104092	0.00	Cellulose synthase
GRMZM2G104357	0.00	Tropomyosin
GRMZM2G104456	0.00	
GRMZM2G104542	0.00	TGF-beta receptor, type I/II extracellular region
GRMZM2G104542	0.00	TGF-beta receptor, type I/II extracellular region
GRMZM2G104542	0.00	TGF-beta receptor, type I/II extracellular region
GRMZM2G104542	0.00	TGF-beta receptor, type I/II extracellular region
GRMZM2G104732	0.00	WD40 repeat-like
GRMZM2G105641	0.00	Plant regulator RWP-RK
GRMZM2G106683	0.00	Peptidase M14, carboxypeptidase A
GRMZM2G106683	0.00	Peptidase M14, carboxypeptidase A
GRMZM2G106683	0.00	Peptidase M14, carboxypeptidase A
GRMZM2G106683	0.00	Peptidase M14, carboxypeptidase A

GRMZM2G107540		Histone-fold
GRMZM2G107595	0.00	CCT domain
GRMZM2G107745	16.93	RNA recognition motif, RNP-1
GRMZM2G107745	16.93	RNA recognition motif, RNP-1
GRMZM2G107987	0.00	Helicase-like, DEXD box c2 type
GRMZM2G107987	0.00	Helicase-like, DEXD box c2 type
GRMZM2G107987	0.00	Helicase-like, DEXD box c2 type
GRMZM2G107987	0.00	Helicase-like, DEXD box c2 type
GRMZM2G107987	0.00	Helicase-like, DEXD box c2 type
GRMZM2G108027	0.00	
GRMZM2G108118	0.00	HSP20-like chaperone
GRMZM2G108207	0.00	Plant peroxidase
GRMZM2G108207	0.00	Plant peroxidase
GRMZM2G108207	0.00	Plant peroxidase
GRMZM2G108207	0.00	Plant peroxidase
GRMZM2G108474		Translationally controlled tumour-associated TCTP
GRMZM2G108976	0.00	ARP2/3 complex 16 kDa subunit (p16-Arc)
GRMZM2G109429	0.00	Sep15/SelM redox
GRMZM2G109793	0.00	
GRMZM2G110023		Clp, N-terminal
GRMZM2G110023		Clp, N-terminal
GRMZM2G110080	0.00	Recoverin
GRMZM2G110483	0.00	Protease-activated receptor 4
GRMZM2G110483	0.00	Protease-activated receptor 4
GRMZM2G110483	0.00	Protease-activated receptor 4
GRMZM2G110483	0.00	Protease-activated receptor 4
GRMZM2G110483	0.00	Protease-activated receptor 4
GRMZM2G110483	0.00	Protease-activated receptor 4
GRMZM2G110897	0.00	Orphan nuclear receptor, NOR1 type
GRMZM2G110897	0.00	Orphan nuclear receptor, NOR1 type
GRMZM2G110897	0.00	Orphan nuclear receptor, NOR1 type
GRMZM2G110897	0.00	Orphan nuclear receptor, NOR1 type
GRMZM2G110897	0.00	Orphan nuclear receptor, NOR1 type
GRMZM2G111980	0.00	
GRMZM2G112050		S15/NS1, RNA-binding
GRMZM2G112050		S15/NS1, RNA-binding
GRMZM2G113414	0.00	Translation initiation factor SUI1
GRMZM2G113414	0.00	Translation initiation factor SUI1
GRMZM2G113624	0.00	Zinc finger, TTF-type
GRMZM2G113624	0.00	Zinc finger, TTF-type
GRMZM2G114459	0.00	
GRMZM2G114906	0.00	Protein of unknown function DUF863, plant
GRMZM2G115162	0.00	BTB/POZ-like

GRMZM2G115198	0.00	Site-specific DNA-methyltransferase (cytosine-N4-specific)
GRMZM2G115198	0.00	Site-specific DNA-methyltransferase (cytosine-N4-specific)
GRMZM2G115198	0.00	Site-specific DNA-methyltransferase (cytosine-N4-specific)
GRMZM2G115198	0.00	Site-specific DNA-methyltransferase (cytosine-N4-specific)
GRMZM2G115198	0.00	Site-specific DNA-methyltransferase (cytosine-N4-specific)
GRMZM2G115198	0.00	Site-specific DNA-methyltransferase (cytosine-N4-specific)
GRMZM2G116362	0.00	Zinc finger, RING-type, conserved site
GRMZM2G116362	0.00	Zinc finger, RING-type, conserved site
GRMZM2G117491	0.00	Protein of unknown function DUF250
GRMZM2G117558	0.00	
GRMZM2G117700	0.00	like
GRMZM2G117700	0.00	like
GRMZM2G118113	0.00	RNA polymerases, N/8 Kd subunits
GRMZM2G118113	0.00	RNA polymerases, N/8 Kd subunits
GRMZM2G118208	0.00	Mitochondrial substrate/solute carrier
GRMZM2G118208	0.00	Mitochondrial substrate/solute carrier
GRMZM2G118714	0.00	Tropomyosin
GRMZM2G119127	0.00	
GRMZM2G119241	0.00	Alpha-1,4-glucan-protein synthase, UDP-forming
GRMZM2G119241	0.00	Alpha-1,4-glucan-protein synthase, UDP-forming
GRMZM2G119241	0.00	Alpha-1,4-glucan-protein synthase, UDP-forming
GRMZM2G119339	0.00	
GRMZM2G119571	0.00	
GRMZM2G119809		Treacher Collins Syndrome, treacle-like
GRMZM2G119809		Treacher Collins Syndrome, treacle-like
GRMZM2G119950	0.00	
GRMZM2G119998	0.00	
GRMZM2G120421	0.00	
GRMZM2G122064	0.00	RabGAP/TBC
GRMZM2G122064	0.00	RabGAP/TBC
GRMZM2G122276	0.00	Glycine rich
GRMZM2G122793	0.00	Ferredoxin thioredoxin reductase, beta subunit
GRMZM2G123089	0.00	Rad51, C-terminal
GRMZM2G124887	0.00	Heat shock protein DnaJ, cysteine-rich region
GRMZM2G124887	0.00	Heat shock protein DnaJ, cysteine-rich region
GRMZM2G125233	0.00	Glycoside hydrolase-type carbohydrate-binding
GRMZM2G125233	0.00	Glycoside hydrolase-type carbohydrate-binding
GRMZM2G125233	0.00	Glycoside hydrolase-type carbohydrate-binding
GRMZM2G125304	0.00	
GRMZM2G125704	0.00	
GRMZM2G125784	12.82	
GRMZM2G125838	0.00	Recoverin
GRMZM2G125893		Nucleoside diphosphate kinase, core

GRMZM2G125893		Nucleoside diphosphate kinase, core
GRMZM2G125893		Nucleoside diphosphate kinase, core
GRMZM2G126920	0.00	Cyclin-like F-box
GRMZM2G127386	12.23	
GRMZM2G127431	0.00	Protein of unknown function DUF623, plant
GRMZM2G127490	0.00	SANT, DNA-binding
GRMZM2G127893	0.00	
GRMZM2G128176	0.00	Zinc finger, PHD-type
GRMZM2G128176	0.00	Zinc finger, PHD-type
GRMZM2G128176	0.00	Zinc finger, PHD-type
GRMZM2G128176	0.00	Zinc finger, PHD-type
GRMZM2G128485	0.00	
GRMZM2G129058	0.00	Tyrosine protein kinase
GRMZM2G129058	0.00	Tyrosine protein kinase
GRMZM2G129058	0.00	Tyrosine protein kinase
GRMZM2G129058	0.00	Tyrosine protein kinase
GRMZM2G129058	0.00	Tyrosine protein kinase
GRMZM2G129246	0.00	FMN-dependent dehydrogenase
GRMZM2G129246	0.00	FMN-dependent dehydrogenase
GRMZM2G129246	0.00	FMN-dependent dehydrogenase
GRMZM2G129457	0.00	TonB box, conserved site
GRMZM2G130085	0.00	Peptidase, trypsin-like serine and cysteine
GRMZM2G130085	0.00	Peptidase, trypsin-like serine and cysteine
GRMZM2G130085	0.00	Peptidase, trypsin-like serine and cysteine
GRMZM2G130085	0.00	Peptidase, trypsin-like serine and cysteine
GRMZM2G130287	0.00	
GRMZM2G130739	0.00	
GRMZM2G130746		Histone-fold
GRMZM2G130800	0.00	Glycosyltransferase AER61, uncharacterized
GRMZM2G132000	9.91	Ubiquitin
GRMZM2G133016	0.00	Sel1-like
GRMZM2G133552	0.00	Zinc finger, C2H2-type
GRMZM2G133972	0.00	Homeodomain-like
GRMZM2G133972	0.00	Homeodomain-like
GRMZM2G133972	0.00	Homeodomain-like
GRMZM2G134230	0.00	
GRMZM2G134332	0.00	Tyrosine protein kinase
GRMZM2G134332	0.00	Tyrosine protein kinase
GRMZM2G134332	0.00	Tyrosine protein kinase
GRMZM2G134613		Light chain 3 (LC3)
GRMZM2G135688	0.00	Zinc finger, HIT-type
GRMZM2G136237	18.34	
GRMZM2G136262	17.49	Phosphopantetheine-binding

GRMZM2G136262	17.49	Phosphopantetheine-binding
GRMZM2G136262	17.49	Phosphopantetheine-binding
GRMZM2G136262	17.49	Phosphopantetheine-binding
GRMZM2G136268	0.00	
GRMZM2G136427	0.00	Wilm's tumour protein region, bacterial
GRMZM2G137387	0.00	Transcription factor, MADS-box
GRMZM2G137387	0.00	Transcription factor, MADS-box
GRMZM2G137387	0.00	Transcription factor, MADS-box
GRMZM2G137495	0.00	HSP40/DnaJ peptide-binding
GRMZM2G137495	0.00	HSP40/DnaJ peptide-binding
GRMZM2G137561		Complex 1 LYR protein
GRMZM2G138407	0.00	Zinc finger, TFIIIS-type
GRMZM2G138407	0.00	Zinc finger, TFIIIS-type
GRMZM2G138407	0.00	Zinc finger, TFIIIS-type
GRMZM2G138407	0.00	Zinc finger, TFIIIS-type
GRMZM2G138407	0.00	Zinc finger, TFIIIS-type
GRMZM2G138407	0.00	Zinc finger, TFIIIS-type
GRMZM2G138410	30.73	UDP-glucose 4-epimerase
GRMZM2G138410	30.73	UDP-glucose 4-epimerase
GRMZM2G138410	30.73	UDP-glucose 4-epimerase
GRMZM2G138943	0.00	Excinuclease ABC, C subunit, N-terminal
GRMZM2G138943	0.00	Excinuclease ABC, C subunit, N-terminal
GRMZM2G138943	0.00	Excinuclease ABC, C subunit, N-terminal
GRMZM2G139815	0.00	DNA-binding WRKY
GRMZM2G139815	0.00	DNA-binding WRKY
GRMZM2G139815	0.00	DNA-binding WRKY
GRMZM2G140443	0.00	
GRMZM2G140559	0.00	
GRMZM2G140590	0.00	Tyrosine protein kinase
GRMZM2G140590	0.00	Tyrosine protein kinase
GRMZM2G140590	0.00	Tyrosine protein kinase
GRMZM2G140590	0.00	Tyrosine protein kinase
GRMZM2G141322	0.00	Ribonuclease T2, active site
GRMZM2G141322	0.00	Ribonuclease T2, active site
GRMZM2G142097	20.78	Ribosomal protein L18/L5
GRMZM2G142097	20.78	Ribosomal protein L18/L5
GRMZM2G142507	0.00	
GRMZM2G142553	0.00	
GRMZM2G143512	0.00	Mercury scavenger protein
GRMZM2G143512	0.00	Mercury scavenger protein
GRMZM2G143512	0.00	Mercury scavenger protein
GRMZM2G143512	0.00	Mercury scavenger protein
GRMZM2G143512	0.00	Mercury scavenger protein

GRMZM2G143512	0.00	Mercury scavenger protein
GRMZM2G143512	0.00	Mercury scavenger protein
GRMZM2G143777	0.00	
GRMZM2G144189	0.00	
GRMZM2G144403	0.00	C2 calcium-dependent membrane targeting
GRMZM2G144451	0.00	
GRMZM2G144594	0.00	
GRMZM2G144782	0.00	Zinc finger, RING-type
GRMZM2G144782	0.00	Zinc finger, RING-type
GRMZM2G144818	0.00	Protein of unknown function DUF498
GRMZM2G145101	0.00	Carbonic anhydrase, prokaryotic-like, conserved site
GRMZM2G145101	0.00	Carbonic anhydrase, prokaryotic-like, conserved site
GRMZM2G145504	0.00	Pentatricopeptide repeat
GRMZM2G146173	0.00	Osteopontin
GRMZM2G146720	0.00	EPS15 homology (EH)
GRMZM2G146862	89.79	Tetratricopeptide TPR-1
GRMZM2G147589	0.00	
GRMZM2G147809	0.00	Zinc finger, RING-type, conserved site
GRMZM2G147809	0.00	Zinc finger, RING-type, conserved site
GRMZM2G148030	0.00	
GRMZM2G148711	0.00	Peptidase C48, SUMO/Sentrin/Ubl1
GRMZM2G148711	0.00	Peptidase C48, SUMO/Sentrin/Ubl1
GRMZM2G148711	0.00	Peptidase C48, SUMO/Sentrin/Ubl1
GRMZM2G148913	0.00	Lipase, class 3
GRMZM2G148913	0.00	Lipase, class 3
GRMZM2G149135	0.00	
GRMZM2G150337	0.00	Ionotropic glutamate-like receptor, plant
GRMZM2G150337	0.00	Ionotropic glutamate-like receptor, plant
GRMZM2G150337	0.00	Ionotropic glutamate-like receptor, plant
GRMZM2G150337	0.00	Ionotropic glutamate-like receptor, plant
GRMZM2G150337	0.00	Ionotropic glutamate-like receptor, plant
GRMZM2G150780	0.00	Plant peroxidase
GRMZM2G150780	0.00	Plant peroxidase
GRMZM2G150780	0.00	Plant peroxidase
GRMZM2G150780	0.00	Plant peroxidase
GRMZM2G150915	0.00	
GRMZM2G150984	0.00	Kinesin, motor region
GRMZM2G150984	0.00	Kinesin, motor region
GRMZM2G150984	0.00	Kinesin, motor region
GRMZM2G151230	0.00	Protein of unknown function Cys-rich
GRMZM2G151651	0.00	Transmembrane protein 97, predicted
GRMZM2G151706	0.00	DNA-directed RNA polymerase, RBP11-like
GRMZM2G151706	0.00	DNA-directed RNA polymerase, RBP11-like

GRMZM2G158305	0.00	
GRMZM2G159049	0.00	
GRMZM2G159218	12.07	
GRMZM2G160444	0.00	Tropomyosin
GRMZM2G161072	0.00	
GRMZM2G161087	50.87	ATP-binding region, ATPase-like
GRMZM2G161491	0.00	
GRMZM2G161846	0.00	Heavy metal transport/detoxification protein
GRMZM2G161846	0.00	Heavy metal transport/detoxification protein
GRMZM2G162052	0.00	Cecropin
GRMZM2G162251	0.00	
GRMZM2G162261	13.78	Polynucleotidyl transferase, Ribonuclease H fold
GRMZM2G162261	13.78	Polynucleotidyl transferase, Ribonuclease H fold
GRMZM2G162261	13.78	Polynucleotidyl transferase, Ribonuclease H fold
GRMZM2G162316	0.00	Mannose-6-phosphate receptor, binding
GRMZM2G162531	0.00	Tyrosine protein kinase
GRMZM2G162531	0.00	Tyrosine protein kinase
GRMZM2G162531	0.00	Tyrosine protein kinase
GRMZM2G162531	0.00	Tyrosine protein kinase
GRMZM2G163291	0.00	Histone H1/H5
GRMZM2G163291	0.00	Histone H1/H5
GRMZM2G163291	0.00	Histone H1/H5
GRMZM2G163291	0.00	Histone H1/H5
GRMZM2G163296		Protein of unknown function DUF1068
GRMZM2G163996		FeS cluster insertion, C-terminal, conserved site
GRMZM2G163996		FeS cluster insertion, C-terminal, conserved site
GRMZM2G163996		FeS cluster insertion, C-terminal, conserved site
GRMZM2G164358	0.00	Zinc finger, RING-type
GRMZM2G164358	0.00	Zinc finger, RING-type
GRMZM2G164854	0.00	WD40 repeat-like
GRMZM2G165511	0.00	Ubiquitin-conjugating enzyme/RWD-like
GRMZM2G165511	0.00	Ubiquitin-conjugating enzyme/RWD-like
GRMZM2G165511	0.00	Ubiquitin-conjugating enzyme/RWD-like
GRMZM2G165746	0.00	Mitochondrial substrate/solute carrier
GRMZM2G165746	0.00	Mitochondrial substrate/solute carrier
GRMZM2G165746	0.00	Mitochondrial substrate/solute carrier
GRMZM2G166548	0.00	Protein of unknown function DUF506, plant
GRMZM2G166548	0.00	Protein of unknown function DUF506, plant
GRMZM2G166548	0.00	Protein of unknown function DUF506, plant
GRMZM2G166925	0.00	Sugar/inositol transporter
GRMZM2G166925	0.00	Sugar/inositol transporter
GRMZM2G167431	0.00	Short-chain dehydrogenase/reductase SDR
GRMZM2G167431	0.00	Short-chain dehydrogenase/reductase SDR

GRMZM2G167431	0.00	Short-chain dehydrogenase/reductase SDR
GRMZM2G167898	0.00	C2 calcium-dependent membrane targeting
GRMZM2G168171	0.00	
GRMZM2G169785	0.00	
GRMZM2G169890		Superoxide dismutase, copper/zinc, binding site
GRMZM2G169998	0.00	RNA recognition motif, RNP-1
GRMZM2G170008	21.59	Thioredoxin-like subdomain
GRMZM2G170008	21.59	Thioredoxin-like subdomain
GRMZM2G170008	21.59	Thioredoxin-like subdomain
GRMZM2G170532	0.00	
GRMZM2G170727	0.00	Protein of unknown function DUF59
GRMZM2G171254		
GRMZM2G171328	0.00	Region of unknown function DM13, Skeletor
GRMZM2G171328	0.00	Region of unknown function DM13, Skeletor
GRMZM2G171328	0.00	Region of unknown function DM13, Skeletor
GRMZM2G171501	0.00	like
GRMZM2G171501	0.00	like
GRMZM2G171501	0.00	like
GRMZM2G171501	0.00	like
GRMZM2G171501	0.00	like
GRMZM2G172204	0.00	Mannose-binding lectin
GRMZM2G173162	0.00	
GRMZM2G174669	0.00	rRNA adenine dimethylase
GRMZM2G174669	0.00	rRNA adenine dimethylase
GRMZM2G174984	15.35	Photosystem II protein PsbR
GRMZM2G174984	15.35	Photosystem II protein PsbR
GRMZM2G175038	0.00	Major intrinsic protein
GRMZM2G175038	0.00	Major intrinsic protein
GRMZM2G176820		Ribosomal protein L11, bacterial-type
GRMZM2G176820		Ribosomal protein L11, bacterial-type
GRMZM2G177508	0.00	
GRMZM2G177654	0.00	Ribosomal protein S17
GRMZM2G177654	0.00	Ribosomal protein S17
GRMZM2G177726	0.00	Tyrosine protein kinase
GRMZM2G177726	0.00	Tyrosine protein kinase
GRMZM2G177726	0.00	Tyrosine protein kinase
GRMZM2G177914	0.00	Longin-like
GRMZM2G177914	0.00	Longin-like
GRMZM2G177914	0.00	Longin-like
GRMZM2G177937	22.82	Thioredoxin-like subdomain
GRMZM2G177937	22.82	Thioredoxin-like subdomain
GRMZM2G177937	22.82	Thioredoxin-like subdomain
GRMZM2G177937	22.82	Thioredoxin-like subdomain

GRMZM2G178455		
GRMZM2G178747	0.00	Mitochondrial substrate/solute carrier
GRMZM2G178747	0.00	Mitochondrial substrate/solute carrier
GRMZM2G179281	0.00	
GRMZM2G179313	0.00	
GRMZM2G179351	0.00	Synaptotagmin
GRMZM2G179351	0.00	Synaptotagmin
GRMZM2G180452	0.00	Helix-loop-helix DNA-binding
GRMZM2G180452	0.00	Helix-loop-helix DNA-binding
GRMZM2G180555	0.00	Tyrosine protein kinase
GRMZM2G180555	0.00	Tyrosine protein kinase
GRMZM2G180555	0.00	Tyrosine protein kinase
GRMZM2G180555	0.00	Tyrosine protein kinase
GRMZM2G180555	0.00	Tyrosine protein kinase
GRMZM2G180555	0.00	Tyrosine protein kinase
GRMZM2G181021	0.00	
GRMZM2G181258	21.76	Thioredoxin-like subdomain
GRMZM2G181258	21.76	Thioredoxin-like subdomain
GRMZM2G181258	21.76	Thioredoxin-like subdomain
GRMZM2G181336		Ribosomal protein L35Ae, conserved site
GRMZM2G181336		Ribosomal protein L35Ae, conserved site
GRMZM2G300692	0.00	Glycosyl transferase, family 8
GRMZM2G300709	0.00	Kinesin, motor region
GRMZM2G300709	0.00	Kinesin, motor region
GRMZM2G300709	0.00	Kinesin, motor region
GRMZM2G301271	0.00	Amino acid/polyamine transporter I
GRMZM2G301271	0.00	Amino acid/polyamine transporter I
GRMZM2G301516	0.00	
GRMZM2G301647	0.00	Tyrosine protein kinase
GRMZM2G301647	0.00	Tyrosine protein kinase
GRMZM2G301647	0.00	Tyrosine protein kinase
GRMZM2G301961	0.00	
GRMZM2G302673	0.00	GPCR, family 3, gamma-aminobutyric acid receptor, type B
GRMZM2G302673	0.00	GPCR, family 3, gamma-aminobutyric acid receptor, type B
GRMZM2G303118	0.00	DEAD-like helicase, N-terminal
GRMZM2G308615	0.00	Protein phosphatase 2C-related
GRMZM2G308615	0.00	Protein phosphatase 2C-related
GRMZM2G308615	0.00	Protein phosphatase 2C-related
GRMZM2G308615	0.00	Protein phosphatase 2C-related
GRMZM2G308615	0.00	Protein phosphatase 2C-related
GRMZM2G308615	0.00	Protein phosphatase 2C-related
GRMZM2G309512	0.00	Tyrosine protein kinase
GRMZM2G309512	0.00	Tyrosine protein kinase

GRMZM2G309512	0.00	Tyrosine protein kinase
GRMZM2G309512	0.00	Tyrosine protein kinase
GRMZM2G310739	0.00	X8
GRMZM2G310739	0.00	X8
GRMZM2G310840	0.00	Tyrosine protein kinase
GRMZM2G310840	0.00	Tyrosine protein kinase
GRMZM2G310840	0.00	Tyrosine protein kinase
GRMZM2G310840	0.00	Tyrosine protein kinase
GRMZM2G312438	0.00	
GRMZM2G315806	0.00	subunit RsuA, conserved site
GRMZM2G315806	0.00	subunit RsuA, conserved site
GRMZM2G315806	0.00	subunit RsuA, conserved site
GRMZM2G315806	0.00	subunit RsuA, conserved site
GRMZM2G315806	0.00	subunit RsuA, conserved site
GRMZM2G315806	0.00	subunit RsuA, conserved site
GRMZM2G316665		Tropomyosin
GRMZM2G317450	0.00	Helix-loop-helix DNA-binding
GRMZM2G317450	0.00	Helix-loop-helix DNA-binding
GRMZM2G319187	0.00	Signal transduction response regulator, receiver region
GRMZM2G319187	0.00	Signal transduction response regulator, receiver region
GRMZM2G319187	0.00	Signal transduction response regulator, receiver region
GRMZM2G319187	0.00	Signal transduction response regulator, receiver region
GRMZM2G319573	0.00	DNA/RNA helicase, DEAD/DEAH box type, N-terminal
GRMZM2G319573	0.00	DNA/RNA helicase, DEAD/DEAH box type, N-terminal
GRMZM2G319573	0.00	DNA/RNA helicase, DEAD/DEAH box type, N-terminal
GRMZM2G319573	0.00	DNA/RNA helicase, DEAD/DEAH box type, N-terminal
GRMZM2G322661	0.00	RNA polymerase Rbp10
GRMZM2G322661	0.00	RNA polymerase Rbp10
GRMZM2G322661	0.00	RNA polymerase Rbp10
GRMZM2G325019	0.00	Pentatricopeptide repeat
GRMZM2G325019	0.00	Pentatricopeptide repeat
GRMZM2G325749	14.59	Ribosomal protein L18/L5
GRMZM2G325749	14.59	Ribosomal protein L18/L5
GRMZM2G326222	0.00	Plant peroxidase
GRMZM2G326222	0.00	Plant peroxidase
GRMZM2G326222	0.00	Plant peroxidase
GRMZM2G326222	0.00	Plant peroxidase
GRMZM2G329159	0.00	Zinc finger, C2H2-type
GRMZM2G329325	0.00	Peptidase S54, rhomboid
GRMZM2G330424	14.79	
GRMZM2G335618	0.00	Thioredoxin-like fold
GRMZM2G337815	0.00	Ribosomal protein S25
GRMZM2G339503	9.95	Mitochondrial import translocase, subunit Tom7

GRMZM2G339503	9.95	Mitochondrial import translocase, subunit Tom7
GRMZM2G339503	9.95	Mitochondrial import translocase, subunit Tom7
GRMZM2G340076	0.00	Tyrosine protein kinase
GRMZM2G340076	0.00	Tyrosine protein kinase
GRMZM2G340076	0.00	Tyrosine protein kinase
GRMZM2G341959	0.00	Sulfotransferase
GRMZM2G342920	0.00	
GRMZM2G348480	0.00	
GRMZM2G348977	0.00	
GRMZM2G349407	0.00	
GRMZM2G352415	0.00	Water Stress and Hypersensitive response
GRMZM2G352415	0.00	Water Stress and Hypersensitive response
GRMZM2G353147	0.00	TonB box, conserved site
GRMZM2G353708	0.00	Tyrosine protein kinase
GRMZM2G353708	0.00	Tyrosine protein kinase
GRMZM2G353708	0.00	Tyrosine protein kinase
GRMZM2G353708	0.00	Tyrosine protein kinase
GRMZM2G353708	0.00	Tyrosine protein kinase
GRMZM2G353708	0.00	Tyrosine protein kinase
GRMZM2G355906	0.00	Pyridoxal phosphate-dependent transferase, major region
GRMZM2G355906	0.00	Pyridoxal phosphate-dependent transferase, major region
GRMZM2G355906	0.00	Pyridoxal phosphate-dependent transferase, major region
GRMZM2G356459	0.00	Nucleic acid-binding, OB-fold-like
GRMZM2G356459	0.00	Nucleic acid-binding, OB-fold-like
GRMZM2G356459	0.00	Nucleic acid-binding, OB-fold-like
GRMZM2G356459	0.00	Nucleic acid-binding, OB-fold-like
GRMZM2G356523	0.00	Polynucleotidyl transferase, Ribonuclease H fold
GRMZM2G356523	0.00	Polynucleotidyl transferase, Ribonuclease H fold
GRMZM2G356523	0.00	Polynucleotidyl transferase, Ribonuclease H fold
GRMZM2G356839	0.00	
GRMZM2G357683	0.00	Peptidase S16, Lon protease, C-terminal region
GRMZM2G357683	0.00	Peptidase S16, Lon protease, C-terminal region
GRMZM2G357683	0.00	Peptidase S16, Lon protease, C-terminal region
GRMZM2G357683	0.00	Peptidase S16, Lon protease, C-terminal region
GRMZM2G361074	14.29	Zinc finger, RING-type
GRMZM2G361074	14.29	Zinc finger, RING-type
GRMZM2G361164	0.00	
GRMZM2G363820	0.00	
GRMZM2G364287	0.00	Cytochrome c assembly protein
GRMZM2G364936	0.00	conserved site
GRMZM2G364936	0.00	conserved site
GRMZM2G364936	0.00	conserved site
GRMZM2G364988	0.00	inhibitor protein II

GRMZM2G365957	0.00	Uridine kinase
GRMZM2G365957	0.00	Uridine kinase
GRMZM2G365957	0.00	Uridine kinase
GRMZM2G365957	0.00	Uridine kinase
GRMZM2G365957	0.00	Uridine kinase
GRMZM2G367438	0.00	Nucleic acid-binding, OB-fold-like
GRMZM2G371316	0.00	
GRMZM2G372870	0.00	HSP40/DnaJ peptide-binding
GRMZM2G372870	0.00	HSP40/DnaJ peptide-binding
GRMZM2G372870	0.00	HSP40/DnaJ peptide-binding
GRMZM2G372870	0.00	HSP40/DnaJ peptide-binding
GRMZM2G372870	0.00	HSP40/DnaJ peptide-binding
GRMZM2G372870	0.00	HSP40/DnaJ peptide-binding
GRMZM2G374302	0.00	Orn/DAP/Arg decarboxylase 2
GRMZM2G374302	0.00	Orn/DAP/Arg decarboxylase 2
GRMZM2G374302	0.00	Orn/DAP/Arg decarboxylase 2
GRMZM2G374302	0.00	Orn/DAP/Arg decarboxylase 2
GRMZM2G374971	0.00	Thaumatococcus, pathogenesis-related
GRMZM2G375015	0.00	Sucrose-6-phosphate phosphohydrolase C-terminal
GRMZM2G375015	0.00	Sucrose-6-phosphate phosphohydrolase C-terminal
GRMZM2G375015	0.00	Sucrose-6-phosphate phosphohydrolase C-terminal
GRMZM2G375015	0.00	Sucrose-6-phosphate phosphohydrolase C-terminal
GRMZM2G376919	0.00	
GRMZM2G378442	0.00	VQ
GRMZM2G378665	0.00	Transcription factor E2F/dimerisation partner (TDP)
GRMZM2G378665	0.00	Transcription factor E2F/dimerisation partner (TDP)
GRMZM2G381386	0.00	Zinc finger, RING-type
GRMZM2G381386	0.00	Zinc finger, RING-type
GRMZM2G381386	0.00	Zinc finger, RING-type
GRMZM2G381386	0.00	Zinc finger, RING-type
GRMZM2G381386	0.00	Zinc finger, RING-type
GRMZM2G385182	0.00	Pistil-specific extensin-like protein
GRMZM2G385182	0.00	Pistil-specific extensin-like protein
GRMZM2G385182	0.00	Pistil-specific extensin-like protein
GRMZM2G385182	0.00	Pistil-specific extensin-like protein
GRMZM2G385182	0.00	Pistil-specific extensin-like protein
GRMZM2G386608		Like-Sm ribonucleoprotein-related, core
GRMZM2G390211	0.00	Antifreeze protein, type I
GRMZM2G390211	0.00	Antifreeze protein, type I
GRMZM2G390211	0.00	Antifreeze protein, type I
GRMZM2G390876	0.00	RNA recognition motif, RNP-1
GRMZM2G395728	0.00	Phenol hydroxylase reductase
GRMZM2G395728	0.00	Phenol hydroxylase reductase

GRMZM2G395728	0.00	Phenol hydroxylase reductase
GRMZM2G395728	0.00	Phenol hydroxylase reductase
GRMZM2G395728	0.00	Phenol hydroxylase reductase
GRMZM2G397002		Ribosomal protein S25
GRMZM2G397044		Peptidyl-prolyl cis-trans isomerase, cyclophilin-type
GRMZM2G397557	0.00	NB-ARC
GRMZM2G397557	0.00	NB-ARC
GRMZM2G397557	0.00	NB-ARC
GRMZM2G397557	0.00	NB-ARC
GRMZM2G398506	0.00	DNA-binding WRKY
GRMZM2G398506	0.00	DNA-binding WRKY
GRMZM2G398506	0.00	DNA-binding WRKY
GRMZM2G398731	0.00	Formin
GRMZM2G399901	0.00	Zinc finger, RING-type, conserved site
GRMZM2G399901	0.00	Zinc finger, RING-type, conserved site
GRMZM2G399901	0.00	Zinc finger, RING-type, conserved site
GRMZM2G400238	0.00	Zinc finger, RING-type
GRMZM2G400238	0.00	Zinc finger, RING-type
GRMZM2G400238	0.00	Zinc finger, RING-type
GRMZM2G402228	0.00	
GRMZM2G404043	0.00	Pentatricopeptide repeat
GRMZM2G405708	0.00	Peptidase S10, serine carboxypeptidase
GRMZM2G405708	0.00	Peptidase S10, serine carboxypeptidase
GRMZM2G405708	0.00	Peptidase S10, serine carboxypeptidase
GRMZM2G410499	0.00	Auxin responsive SAUR protein
GRMZM2G418206	0.00	Pentatricopeptide repeat
GRMZM2G419852	0.00	
GRMZM2G420723	0.00	Pentatricopeptide repeat
GRMZM2G420988	0.00	Mitochondrial substrate/solute carrier
GRMZM2G420988	0.00	Mitochondrial substrate/solute carrier
GRMZM2G420988	0.00	Mitochondrial substrate/solute carrier
GRMZM2G421541	0.00	Tudor
GRMZM2G421541	0.00	Tudor
GRMZM2G421541	0.00	Tudor
GRMZM2G421541	0.00	Tudor
GRMZM2G421541	0.00	Tudor
GRMZM2G421541	0.00	Tudor
GRMZM2G421579	0.00	
GRMZM2G421690	0.00	Pentatricopeptide repeat
GRMZM2G422464	0.00	HhH-GPD domain
GRMZM2G422464	0.00	HhH-GPD domain
GRMZM2G422464	0.00	HhH-GPD domain
GRMZM2G422464	0.00	HhH-GPD domain

GRMZM2G422948	0.00	
GRMZM2G426511	0.00	Epoxide hydrolase-like
GRMZM2G427557	0.00	Cytochrome b6/f complex, subunit IV
GRMZM2G427557	0.00	Cytochrome b6/f complex, subunit IV
GRMZM2G427557	0.00	Cytochrome b6/f complex, subunit IV
GRMZM2G427557	0.00	Cytochrome b6/f complex, subunit IV
GRMZM2G433767	0.00	Peptidase S10, serine carboxypeptidase, active site
GRMZM2G433767	0.00	Peptidase S10, serine carboxypeptidase, active site
GRMZM2G433767	0.00	Peptidase S10, serine carboxypeptidase, active site
GRMZM2G434131	0.00	
GRMZM2G434301	0.00	Bromodomain
GRMZM2G435248	0.00	RNA recognition motif, RNP-1
GRMZM2G435248	0.00	RNA recognition motif, RNP-1
GRMZM2G438121	0.00	
GRMZM2G438871	0.00	Tyrosine protein kinase
GRMZM2G438871	0.00	Tyrosine protein kinase
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GRMZM2G438871	0.00	Tyrosine protein kinase
GRMZM2G439198	0.00	
GRMZM2G441565	0.00	
GRMZM2G441722	0.00	Glycoside hydrolase, chitinase active site
GRMZM2G441722	0.00	Glycoside hydrolase, chitinase active site
GRMZM2G441722	0.00	Glycoside hydrolase, chitinase active site
GRMZM2G441722	0.00	Glycoside hydrolase, chitinase active site
GRMZM2G441722	0.00	Glycoside hydrolase, chitinase active site
GRMZM2G443889	0.00	Cyclin-like F-box
GRMZM2G444541	0.00	S15/NS1, RNA-binding
GRMZM2G444541	0.00	S15/NS1, RNA-binding
GRMZM2G448344	0.00	Ribulose biphosphate carboxylase, large subunit, N-terminal
GRMZM2G448583	0.00	Proteinase inhibitor I9, subtilisin propeptide
GRMZM2G448583	0.00	Proteinase inhibitor I9, subtilisin propeptide
GRMZM2G448583	0.00	Proteinase inhibitor I9, subtilisin propeptide
GRMZM2G448583	0.00	Proteinase inhibitor I9, subtilisin propeptide
GRMZM2G449177	0.00	
GRMZM2G449709	0.00	Protein of unknown function DUF584
GRMZM2G450863	0.00	RNA recognition motif, RNP-1
GRMZM2G450863	0.00	RNA recognition motif, RNP-1
GRMZM2G450863	0.00	RNA recognition motif, RNP-1
GRMZM2G452189	0.00	
GRMZM2G452529	0.00	Phosphatidate cytidyltransferase, eukaryota
GRMZM2G454789	0.00	N-6 adenine-specific DNA methylase, conserved site
GRMZM2G454789	0.00	N-6 adenine-specific DNA methylase, conserved site
GRMZM2G455413	0.00	

GRMZM2G456512	0.00	Protein of unknown function DUF632
GRMZM2G460988	0.00	Pentatricopeptide repeat
GRMZM2G461944	0.00	
GRMZM2G462690	0.00	DNA photolyase, FAD-binding/Cryptochrome, C-terminal
GRMZM2G462690	0.00	DNA photolyase, FAD-binding/Cryptochrome, C-terminal
GRMZM2G462690	0.00	DNA photolyase, FAD-binding/Cryptochrome, C-terminal
GRMZM2G462690	0.00	DNA photolyase, FAD-binding/Cryptochrome, C-terminal
GRMZM2G463462	0.00	Protein of unknown function DUF125, transmembrane
GRMZM2G463785	0.00	Peptidase, cysteine peptidase active site
GRMZM2G463785	0.00	Peptidase, cysteine peptidase active site
GRMZM2G463785	0.00	Peptidase, cysteine peptidase active site
GRMZM2G464212	0.00	
GRMZM2G465287	0.00	Protein phosphatase 2C-related
GRMZM2G465287	0.00	Protein phosphatase 2C-related
GRMZM2G465287	0.00	Protein phosphatase 2C-related
GRMZM2G465287	0.00	Protein phosphatase 2C-related
GRMZM2G465287	0.00	Protein phosphatase 2C-related
GRMZM2G465287	0.00	Protein phosphatase 2C-related
GRMZM2G465287	0.00	Protein phosphatase 2C-related
GRMZM2G468111	0.00	
GRMZM2G468147	0.00	Tetratricopeptide TPR2
GRMZM2G468260	0.00	Zinc finger, RING-type
GRMZM2G468260	0.00	Zinc finger, RING-type
GRMZM2G470454	0.00	TGF-beta receptor, type I/II extracellular region
GRMZM2G470454	0.00	TGF-beta receptor, type I/II extracellular region
GRMZM2G470513	0.00	Transcription initiation factor IIA, gamma subunit, N-terminal
GRMZM2G470513	0.00	Transcription initiation factor IIA, gamma subunit, N-terminal
GRMZM2G471529	0.00	Signal transduction response regulator, receiver region
GRMZM2G471529	0.00	Signal transduction response regulator, receiver region
GRMZM2G471529	0.00	Signal transduction response regulator, receiver region
GRMZM2G471529	0.00	Signal transduction response regulator, receiver region
GRMZM2G471529	0.00	Signal transduction response regulator, receiver region
GRMZM2G471529	0.00	Signal transduction response regulator, receiver region
GRMZM2G471529	0.00	Signal transduction response regulator, receiver region
GRMZM2G472453	0.00	
GRMZM2G473676	0.00	S-locus glycoprotein
GRMZM2G473676	0.00	S-locus glycoprotein
GRMZM2G473811	0.00	Development and cell death domain
GRMZM2G475128	0.00	Ribosomal protein S16
GRMZM2G475128	0.00	Ribosomal protein S16
GRMZM2G475683	0.00	Auxin responsive SAUR protein
GRMZM2G480621	0.00	Transcription factor, NFYB/HAP3, conserved site
GRMZM2G480621	0.00	Transcription factor, NFYB/HAP3, conserved site
GRMZM2G484344	0.00	Bacterial methyltransferase

GRMZM2G550472	0.00	RNA recognition motif, RNP-1
GRMZM2G550472	0.00	RNA recognition motif, RNP-1
GRMZM2G700655	0.00	
GRMZM2G701722	0.00	
GRMZM2G703591	0.00	Saposin-like type B, 2
GRMZM2G703591	0.00	Saposin-like type B, 2
GRMZM2G703591	0.00	Saposin-like type B, 2
GRMZM2G703701	0.00	
GRMZM2G704285	0.00	Zinc finger, CW-type
GRMZM2G704285	0.00	Zinc finger, CW-type
GRMZM2G704381	0.00	Deoxyribonuclease, TatD-related, conserved site

1	GO:0008219	cell death
1	GO:0009056	catabolic process
1		
1	GO:0000166	nucleotide binding
1	GO:0007165	signal transduction
1	GO:0016787	hydrolase activity
1		
1		
1		
1	GO:0006810	transport
1	GO:0000166	nucleotide binding
1	GO:0005515	protein binding
1	GO:0008219	cell death
1		
1	GO:0006810	transport
1	GO:0005215	transporter activity
1	GO:0006091	metabolites and energy
1	GO:0006139	nucleotide and nucleic acid
1	GO:0006810	transport
1	GO:0000166	nucleotide binding
1	GO:0006464	protein modification process
1	GO:0016301	kinase activity
1	GO:0000166	nucleotide binding
1	GO:0003677	DNA binding
1	GO:0005198	structural molecule activity
1	GO:0006259	DNA metabolic process
1	GO:0006412	translation
1	GO:0016787	hydrolase activity
1	GO:0003824	catalytic activity
1	GO:0006464	protein modification process
1	GO:0019538	protein metabolic process
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1	GO:0003824	catalytic activity
1	GO:0006629	lipid metabolic process
1	GO:0009058	biosynthetic process
1	GO:0016740	transferase activity
2	GO:0005488	binding
2	GO:0005515	protein binding
2	GO:0006950	response to stress
2	GO:0009579	thylakoid
2	GO:0009628	response to abiotic stimulus
2	GO:0015979	photosynthesis

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4	GO:0006350	transcription
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1	GO:0006464	protein modification process
1	GO:0007165	signal transduction
1	GO:0016301	kinase activity
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1	GO:0009628	response to abiotic stimulus
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1	GO:0005488	binding
1	GO:0003674	molecular_function
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1	GO:0006464	protein modification process
1	GO:0003674	molecular_function

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1	GO:0003774	motor activity
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1	GO:0019538	protein metabolic process
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1	GO:0005215	transporter activity
1	GO:0006810	transport
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1	GO:0006464	protein modification process
1	GO:0019538	protein metabolic process
1	GO:0019725	cellular homeostasis
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1	GO:0006464	protein modification process
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1	GO:0005488	binding
1	GO:0009058	biosynthetic process
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1	GO:0019538	protein metabolic process
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1	GO:0006350	transcription
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1	GO:0005515	protein binding
1	GO:0005975	carbohydrate metabolic process

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1	GO:0006810	transport
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2	GO:0016787	hydrolase activity

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1	GO:0007165	signal transduction
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1	GO:0005215	transporter activity
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1	GO:0005515	protein binding
1	GO:0019538	protein metabolic process
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1	GO:0009628	response to abiotic stimulus
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1	GO:0006350	transcription
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1	GO:0005488	binding
1	GO:0005515	protein binding
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1	GO:0009628	response to abiotic stimulus
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1	GO:0000166	nucleotide binding
1	GO:0003723	RNA binding
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1	GO:0006810	transport
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1	GO:0003677	DNA binding
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1	GO:0016301	kinase activity
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2	GO:0005198	structural molecule activity

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1	GO:0016787	hydrolase activity
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5	GO:0000166	nucleotide binding
5	GO:0006810	transport
5	GO:0007165	signal transduction
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1	GO:0005198	structural molecule activity
1	GO:0006412	translation
1	GO:0005215	transporter activity
1	GO:0006810	transport
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3	GO:0005198	structural molecule activity
3	GO:0006412	translation
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1		
1	GO:0005198	structural molecule activity
1	GO:0006412	translation
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2		
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2	GO:0005198	structural molecule activity
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1	GO:0000166	nucleotide binding
1	GO:0006810	transport
1	GO:0007165	signal transduction
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1	GO:0003774	motor activity
1	GO:0006810	transport
1	GO:0005488	binding
1	GO:0006810	transport
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1	GO:0003824	catalytic activity
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2		
1	GO:0005215	transporter activity
1	GO:0005488	binding
1	GO:0006810	transport
1	GO:000166	nucleotide binding
1	GO:0006139	nucleotide and nucleic acid
1	GO:0006464	protein modification process
1	GO:0016301	kinase activity
1	GO:0005198	structural molecule activity
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1	GO:0003824	catalytic activity
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1	GO:0016787	hydrolase activity
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1		
1	GO:0004871	signal transducer activity
1	GO:0007165	signal transduction
1	GO:0007610	behavior
1	GO:0009605	response to external stimulus
2		

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1	GO:0016740	transferase activity
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1	GO:0006412	translation
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1	GO:0004872	receptor activity
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1	GO:0030528	transcription regulator activity
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1	GO:0016787	hydrolase activity
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1	GO:0009628	response to abiotic stimulus
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1	GO:0000166	nucleotide binding
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1	GO:0007165	signal transduction
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1	GO:0016740	transferase activity
1	GO:0016787	hydrolase activity
1	GO:0030528	transcription regulator activity

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1	GO:0005488	binding
1	GO:0006810	transport
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1	GO:0005515	protein binding
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1	GO:0005488	binding
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1	GO:0009628	response to abiotic stimulus
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2	GO:0005488	binding
2	GO:0009058	biosynthetic process
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1	GO:0006464	protein modification process
1	GO:0019538	protein metabolic process
1	GO:0005215	transporter activity
1	GO:0005488	binding
1	GO:0006810	transport
1	GO:0005488	binding
1	GO:0006950	response to stress
1	GO:0009628	response to abiotic stimulus
1	GO:0005215	transporter activity
1	GO:0006810	transport
1	GO:0003824	catalytic activity
1	GO:0005488	binding

1	GO:0009058	biosynthetic process
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2	GO:0005488	binding
1	GO:0003676	nucleic acid binding
2	GO:0003674	molecular_function
2	GO:0003824	catalytic activity
2	GO:0019725	cellular homeostasis
1		
1		
2		
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1	GO:0006519	derivative metabolic process
1	GO:0009056	catabolic process
1	GO:0005198	structural molecule activity
1	GO:0005488	binding
1	GO:0006412	translation
1	GO:0006950	response to stress
1	GO:0009628	response to abiotic stimulus
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1	GO:0006139	nucleotide and nucleic acid
1	GO:0016740	transferase activity
2	GO:0009579	thylakoid
2	GO:0015979	photosynthesis
1	GO:0005215	transporter activity
1	GO:0006810	transport
2	GO:0005198	structural molecule activity
2	GO:0006412	translation
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1	GO:0005198	structural molecule activity
1	GO:0006412	translation
1	GO:0000166	nucleotide binding
1	GO:0006464	protein modification process
1	GO:0016301	kinase activity
1	GO:0005215	transporter activity
1	GO:0005515	protein binding
1	GO:0006810	transport
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3	GO:0003677	DNA binding
3	GO:0003824	catalytic activity
3	GO:0019725	cellular homeostasis

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1	GO:0006810	transport
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1	GO:0005215	transporter activity
1	GO:0006810	transport
1	GO:0006350	transcription
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1	GO:0016787	hydrolase activity
1	GO:0019538	protein metabolic process
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2	GO:0019725	cellular homeostasis
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1	GO:0016740	transferase activity
1	GO:0000166	nucleotide binding
1	GO:0003774	motor activity
1	GO:0006810	transport
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1	GO:0006810	transport
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1	GO:0006464	protein modification process
1	GO:0016301	kinase activity
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1	GO:0007165	signal transduction
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1	GO:0009628	response to abiotic stimulus
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1	GO:0006464	protein modification process

1	GO:0016301	kinase activity
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1	GO:0016787	hydrolase activity
1	GO:0000166	nucleotide binding
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1	GO:0016301	kinase activity
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1	GO:0009628	response to abiotic stimulus
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1	GO:0030528	transcription regulator activity
1	GO:0004871	signal transducer activity
1	GO:0006350	transcription
1	GO:0007165	signal transduction
1	GO:0030528	transcription regulator activity
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1	GO:0003676	nucleic acid binding
1	GO:0006259	DNA metabolic process
1	GO:0016787	hydrolase activity
1	GO:0003677	DNA binding
1	GO:0006350	transcription
1	GO:0016740	transferase activity
1	GO:0004518	nuclease activity
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1	GO:0006810	transport
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1	GO:0009628	response to abiotic stimulus
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1	GO:0000166	nucleotide binding
1	GO:0004872	receptor activity
1	GO:0005488	binding
1	GO:0006464	protein modification process
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1	GO:0003824	catalytic activity
1	GO:0006519	derivative metabolic process
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1	GO:0003676	nucleic acid binding
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1	GO:0009628	response to abiotic stimulus
1	GO:0003676	nucleic acid binding
1	GO:0000166	nucleotide binding
1	GO:0003674	molecular_function

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1	GO:0003677	DNA binding
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1	GO:0019538	protein metabolic process
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1	GO:0003676	nucleic acid binding
1	GO:0016740	transferase activity
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1	GO:0009628	response to abiotic stimulus
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