

Appendix 4. List of genes that has been identified as rhythmic by RAIN package only under SD, losing their rhythmicity under both free-running conditions.

GeneID	Annotation
ostta01g00060	NUDIX hydrolase domain-like
ostta01g00200	UBA-like
ostta01g00220	unnamed product
ostta01g00250	Inositol polyphosphate kinase
ostta01g00260	Tetratricopeptide repeat
ostta01g00270	Peptidyl-prolyl cis-trans isomerase, FKBP-type, domain
ostta01g00300	unnamed product
ostta01g00320	Acyl-CoA dehydrogenase/oxidase, N-terminal
ostta01g00370	Mitochondrial pyruvate carrier
ostta01g00410	Signal recognition particle, SRP19 subunit
ostta01g00485	Translation elongation/initiation factor/Ribosomal, beta-barrel
ostta01g00510	unnamed product
ostta01g00580	Multi antimicrobial extrusion protein
ostta01g00640	unnamed product
ostta01g00760	C-terminal-processing peptidase S41A
ostta01g00770	Transmembrane protein 186
ostta01g00840	unnamed product
ostta01g00870	hypothetical protein n/a unnamed product
ostta01g00920	DNA-directed RNA polymerase, RBP11-like dimerisation domain
ostta01g00940	Glycoside hydrolase, catalytic domain
ostta01g01020	Plectin/S10, N-terminal
ostta01g01120	Protein of unknown function DUF1365
ostta01g01330	unnamed product
ostta01g01340	IQ motif, EF-hand binding site
ostta01g01370	Leucine-rich repeat
ostta01g01390	IQ motif, EF-hand binding site
ostta01g01440	Nucleotide-diphospho-sugar transferase
ostta01g01470	Mitochondrial inner membrane translocase subunit Tim17/Tim22/Tim23/peroxisomal
ostta01g01490	Ubiquitin carboxyl-terminal hydrolases family 2
ostta01g01510	HAD-superfamily hydrolase, subfamily IIB

ostta01g01540	Single-stranded nucleic acid binding R3H
ostta01g01550	K Homology domain, type 1
ostta01g01600	MIF4-like, type 1/2/3
ostta01g01660	unnamed product
ostta01g01680	Rab-GTPase-TBC domain
ostta01g01800	Sec-independent protein translocase protein TatA/E
ostta01g01855	Tocopherol cyclase
ostta01g01880	Chromosome segregation protein Spc25
ostta01g01890	Forkhead-associated FHA domain
ostta01g01900	unnamed product
ostta01g01910	unnamed product
ostta01g01970	unnamed product
ostta01g01990	Inosine/uridine-preferring nucleoside hydrolase
ostta01g02000	Ketopantoate reductase ApbA/PanE, N-terminal
ostta01g02070	Sushi/SCR/CCP
ostta01g02110	unnamed product
ostta01g02160	WD40 repeat
ostta01g02260	unnamed product
ostta01g02280	unnamed product
ostta01g02320	Ribosomal protein L35
ostta01g02330	Uncharacterised domain UPF0066, YaeB-like domain
ostta01g02400	Ribosomal protein S8
ostta01g02480	Aspartate-semialdehyde dehydrogenase
ostta01g02560	siRNA-mediated silencing protein NRDE-2
ostta01g02570	Protein of unknown function DUF2419
ostta01g02620	Protein of unknown function DUF842, eukaryotic
ostta01g02630	Phosphatidylinositol-glycan biosynthesis class S protein
ostta01g02830	E3 UFM1-protein ligase 1
ostta01g02970	Histone-fold
ostta01g03070	Activator of Hsp90 ATPase homologue 1-like
ostta01g03150	S15/NS1, RNA-binding
ostta01g03160	Spindle assembly checkpoint component Mad1
ostta01g03230	Mog1/PsbP, alpha/beta/alpha sandwich
ostta01g03310	EF-Hand 1, calcium-binding site

ostta01g03495	Mitochondrial substrate/solute carrier
ostta01g03530	Mitochondrial substrate/solute carrier
ostta01g03540	Sterile alpha motif, type 1
ostta01g03550	unnamed product
ostta01g03620	Class II glutamine amidotransferase domain
ostta01g03670	unnamed product
ostta01g03690	unnamed product
ostta01g03700	unnamed product
ostta01g03740	unnamed product
ostta01g03750	HSP20-like chaperone
ostta01g03770	ATPase, F1 complex, gamma subunit conserved site
ostta01g03830	Sjogren syndrome/scleroderma autoantigen 1
ostta01g03850	unnamed product
ostta01g03860	Mitochondrial substrate/solute carrier
ostta01g03880	Basic-leucine zipper domain
ostta01g03940	Prefoldin
ostta01g03990	Peptidyl-prolyl cis-trans isomerase, FKBP-type, domain
ostta01g04050	Mog1/PsbP, alpha/beta/alpha sandwich
ostta01g04080	Membrane bound O-acyl transferase, MBOAT
ostta01g04130	Homeodomain-like
ostta01g04240	unnamed product
ostta01g04275	Sybindin-like protein
ostta01g04280	Glycerophosphoryl diester phosphodiesterase
ostta01g04340	Glutamyl-tRNA synthetase, class Ib, archaeal/eukaryotic cytosolic
ostta01g04360	unnamed product
ostta01g04440	Clathrin light chain
ostta01g04470	Concanavalin A-like lectin/glucanase, subgroup
ostta01g04520	Protein of unknown function DUF3752
ostta01g04540	unnamed product
ostta01g04620	Flavoprotein pyridine nucleotide cytochrome reductase
ostta01g04640	unnamed product
ostta01g04660	Cation-transporting P-type ATPase, C-terminal
ostta01g04750	unnamed product
ostta01g04930	CHCH

ostta01g05005	Proteasome A-type subunit
ostta01g05020	Glutamine synthetase, glycine-rich site
ostta01g05090	Diacylglycerol kinase, catalytic domain
ostta01g05130	unnamed product
ostta01g05350	unnamed product
ostta01g05460	Transcription factor TFIIE, alpha subunit
ostta01g05490	Serine/threonine-protein kinase, active site
ostta01g05500	unnamed product
ostta01g05520	Thioredoxin-like fold
ostta01g05730	Complex 1 LYR protein
ostta01g05830	Carbonic anhydrase
ostta01g05840	tRNA/rRNA methyltransferase, SpoU
ostta01g05970	Anamorsin
ostta01g05990	Phytoene desaturase CrtI family
ostta01g06040	Sterol-sensing domain
ostta01g06130	Tetratricopeptide repeat
ostta01g06150	Cyclin A/B/D/E
ostta01g06180	unnamed product
ostta01g06210	Nicotinamide N-methyltransferase-like
ostta01g06310	Signal transduction response regulator, receiver domain
ostta01g06330	RecF/RecN/SMC, N-terminal
ostta01g06350	Histone H4
ostta01g06360	unnamed product
ostta01g06370	unnamed product
ostta01g06520	Thioesterase
ostta01g06540	EF-Hand 1, calcium-binding site
ostta01g06545	hypothetical protein
ostta01g06590	unnamed product
ostta01g06650	Somatomedin B domain
ostta02g00030	Glycosyl transferase, family 10
ostta02g00040	Glycosyltransferase AER61, uncharacterised
ostta02g00085	hypothetical protein
ostta02g00093	Transcription factor IIA, helical
ostta02g00160	Polyketide synthase, KR

ostta02g00180	Polyketide synthase, KR
ostta02g00310	RINT-1/TIP-1
ostta02g00320	Transcriptional coactivator/pterin dehydratase
ostta02g00340	Glycerol-3-phosphate O-acyltransferase, chloroplast
ostta02g00380	Clp protease proteolytic subunit /Translocation-enhancing protein TepA n/a Clpolytic subunit /Translocation-enhancing protein TepA
ostta02g00562	Translation initiation factor IF6
ostta02g00720	Thiolase-like, subgroup
ostta02g00740	unnamed product
ostta02g00870	Oxoglutarate/iron-dependent dioxygenase
ostta02g00890	Ribosomal protein L36e
ostta02g00900	Glutamyl-tRNAGln amidotransferase A subunit n/a Glutamyl-tRNAGln amidotransfer
ostta02g01200	Isochorismatase-like
ostta02g01230	tRNA modification GTPase MnME domain 2
ostta02g01240	Glutathione S-transferase, N-terminal
ostta02g01330	Translation elongation/initiation factor/Ribosomal, beta-barrel
ostta02g01500	unnamed product
ostta02g01590	Transcription factor IIA, beta-barrel
ostta02g01680	Ubiquinone biosynthesis protein Coq4
ostta02g01780	RNA polymerase archaeal subunit P/eukaryotic subunit RPC10
ostta02g01980	Prephenate dehydrogenase
ostta02g02000	Biotin--acetyl-CoA-carboxylase ligase
ostta02g02130	Ubiquitin-conjugating enzyme/RWD-like
ostta02g02310	Clp protease proteolytic subunit /Translocation-enhancing protein TepA
ostta02g02460	Phosphate transporter
ostta02g02610	Integrase, catalytic core
ostta02g02630	Deoxynucleoside kinase
ostta02g02700	Ribosomal protein L19/L19e domain
ostta02g02750	Exoribonuclease, phosphorolytic domain 2
ostta02g02770	unnamed product
ostta02g02800	Ribosomal protein S26e
ostta02g02810	Nicotinamide N-methyltransferase-like n/a Nicotinamide N- methyltransferase-likmide N-methyltransferase-like
ostta02g02820	Mog1/PsbP, alpha/beta/alpha sandwich

ostta02g02850	Major facilitator superfamily domain, general substrate transporter
ostta02g02870	Glyceraldehyde 3-phosphate dehydrogenase, NADP binding domain
ostta02g02910	Serine/threonine-protein kinase, active site
ostta02g02940	unnamed product
ostta02g02970	unnamed product
ostta02g03010	unnamed product
ostta02g03080	M-phase inducer phosphatase
ostta02g03090	Domain of unknown function DUF547
ostta02g03130	NUDIX hydrolase domain-like
ostta02g03230	Mog1/PsbP, alpha/beta/alpha sandwich
ostta02g03240	unnamed product
ostta02g03260	Ribosomal S11, conserved site
ostta02g03370	RmlC-like jelly roll fold
ostta02g03440	Zinc finger, GATA-type
ostta02g03450	WD40 repeat
ostta02g03520	Tetratricopeptide repeat-containing domain
ostta02g03540	DNA-binding TFAR19-related protein
ostta02g03570	Prenyltransferase/squalene oxidase
ostta02g03620	Pyridine nucleotide-disulphide oxidoreductase, FAD/NADP-binding domain
ostta02g03680	unnamed product
ostta02g03700	Beta-lactamase-like
ostta02g03800	Myosin tail 2
ostta02g03910	Armadillo-type fold
ostta02g03955	hypothetical protein
ostta02g03980	Diaminopimelate epimerase, active site
ostta02g04000	Nucleotide-binding, alpha-beta plait
ostta02g04090	Helicase, C-terminal
ostta02g04110	unnamed product
ostta02g04120	Ribosome recycling factor
ostta02g04190	Ankyrin repeat-containing domain
ostta02g04200	Polyketide synthase/Fatty acid synthase, KR
ostta02g04210	Ankyrin repeat-containing domain
ostta02g04220	Ankyrin repeat-containing domain
ostta02g04290	Rpn11/EIF3F C-terminal domain

ostta02g04390	Ribosomal protein L15e, conserved site
ostta02g04410	unnamed product
ostta02g04510	unnamed product
ostta02g04520	unnamed product
ostta02g04560	Translation elongation/initiation factor/Ribosomal, beta-barrel
ostta02g04660	Polyketide synthase, KR
ostta02g04760	Mitochondrial substrate/solute carrier
ostta02g04770	unnamed product
ostta02g04910	Peroxisome assembly protein 12
ostta02g04920	Cytochrome c oxidase subunit Vc
ostta02g04950	Transcription factor IIS, N-terminal
ostta02g04970	Glyoxalase-like domain
ostta02g04990	Translation elongation factor EFTs/EF1B, dimerisation
ostta02g05000	unnamed product
ostta02g05030	Tetratricopeptide-like helical
ostta02g05040	Na ⁺ /H ⁺ antiporter NhaA
ostta02g05070	ABC transporter, conserved site
ostta02g05140	Nucleotide sugar epimerase
ostta02g05160	Fumarylacetoacetase, C-terminal
ostta02g05180	unnamed product
ostta02g05190	SANT/Myb domain
ostta02g05200	Peptide deformylase
ostta02g05220	unnamed product
ostta02g05240	Structure-specific recognition protein
ostta02g05250	Histone-fold
ostta02g05300	unnamed product
ostta02g05370	Ribosomal protein L11
ostta02g05450	' 5'-Nucleotidase/apyrase'
ostta02g05500	unnamed product
ostta03g00050	unnamed product
ostta03g00080	unnamed product
ostta03g00090	Uncharacterised protein family Ycf49
ostta03g00150	unnamed product
ostta03g00220	Ribulose-phosphate binding barrel

ostta03g00230	unnamed product
ostta03g00280	Thioredoxin-like fold
ostta03g00460	Janus/Ocnus
ostta03g00490	U6 snRNA-associated Sm-like protein LSm4/Small nuclear ribonucleoprotein Sm D1/
ostta03g00630	unnamed product
ostta03g00655	TRAM/LAG1/CLN8 homology domain
ostta03g00660	Fructose-bisphosphate aldolase, class-I
ostta03g00720	unnamed product
ostta03g00750	Rubisco LS methyltransferase, substrate-binding domain
ostta03g00780	Polyribonucleotide nucleotidyltransferase
ostta03g00800	Thioesterase superfamily
ostta03g00830	Pyridoxal phosphate-dependent transferase, major region, subdomain 2
ostta03g00900	unnamed product
ostta03g01020	Ribosomal protein S10, eukaryotic/archaeal
ostta03g01100	Zinc finger, GATA-type
ostta03g01150	26S proteasome subunit P45
ostta03g01190	K Homology domain, type 1
ostta03g01220	FAS1 domain
ostta03g01380	Zinc finger, HIT-type
ostta03g01390	unnamed product
ostta03g01420	hypothetical protein n/a unnamed product n/a unnamed product
ostta03g01460	WD40 repeat
ostta03g01470	Chaperonin TCP-1, conserved site
ostta03g01560	Histidine triad HIT protein
ostta03g01600	Ribosomal protein L30, ferredoxin-like fold domain
ostta03g01630	Concanavalin A-like lectin/glucanase, subgroup
ostta03g01660	unnamed product
ostta03g01770	SNARE associated Golgi protein
ostta03g01830	WD40/YVTN repeat-like-containing domain
ostta03g01860	P-loop containing nucleoside triphosphate hydrolase
ostta03g01900	Zinc finger, RING/FYVE/PHD-type
ostta03g01920	Thioredoxin-like fold
ostta03g01930	DnaJ domain, conserved site

ostta03g01960	Defective-in-cullin neddylation protein
ostta03g02000	tRNAIle-lysidine/2-thiocytidine synthase
ostta03g02020	Protein kinase-like domain
ostta03g02080	Mog1/PsbP, alpha/beta/alpha sandwich
ostta03g02170	Reduced growth phenotype protein 1
ostta03g02180	Conserved oligomeric Golgi complex, subunit 2, N-terminal
ostta03g02190	EF-hand domain pair
ostta03g02275	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 3
ostta03g02310	DNA/RNA-binding protein Alba-like
ostta03g02380	Nucleotide-binding, alpha-beta plait
ostta03g02430	Leucine-rich repeat
ostta03g02480	Ubiquitin-conjugating enzyme/RWD-like
ostta03g02490	Apc13p
ostta03g02540	RNA-recognition motif RRM Nup35-type domain
ostta03g02550	NUDIX hydrolase domain-like
ostta03g02560	Zinc finger, CHCC-type
ostta03g02750	Zinc finger, CCCH-type
ostta03g02770	Ribosomal protein S6, eukaryotic
ostta03g02870	DnaJ domain
ostta03g02950	Tetratricopeptide repeat-containing domain
ostta03g03000	MiaB-like tRNA modifying enzyme, archaeal-type
ostta03g03050	Pyridoxal phosphate-dependent transferase, major region, subdomain 2
ostta03g03100	GTP-binding protein Obg/CgtA
ostta03g03110	unnamed product
ostta03g03120	Basic-leucine zipper domain
ostta03g03150	' 3"5"-cyclic nucleotide phosphodiesterase, conserved site'
ostta03g03200	Peptidase C48, SUMO/Sentrin/Ubl1
ostta03g03240	Ribosomal protein S2, eukaryotic/archaeal
ostta03g03250	Sybindin-like protein
ostta03g03300	Ribosomal protein L39e, conserved site
ostta03g03310	unnamed product
ostta03g03370	unnamed product
ostta03g03430	Zinc finger, PHD-type, conserved site
ostta03g03450	HR-like lesion-inducer

ostta03g03530	unnamed product
ostta03g03610	Iron hydrogenase
ostta03g03820	Isochorismatase-like
ostta03g04000	unnamed product
ostta03g04030	Zinc finger, CCHC-type
ostta03g04040	Rab-GTPase-TBC domain
ostta03g04280	Eukaryotic porin/Tom40
ostta03g04290	Ribosomal protein L10e/L16
ostta03g04310	Protein of unknown function DUF901
ostta03g04360	FERM/acyl-CoA-binding protein, 3-helical bundle
ostta03g04380	Nascent polypeptide-associated complex subunit alpha
ostta03g04400	Uncharacterised protein GYD
ostta03g04410	WD40 repeat
ostta03g04440	NIF system FeS cluster assembly, NifU-like scaffold, N-terminal
ostta03g04500	unnamed product
ostta03g04510	Ribosomal protein L5, conserved site n/a Ribosomal protein L5, conserved site
ostta03g04580	unnamed product
ostta03g04640	DREV methyltransferase
ostta03g04650	Ovarian tumour, otubain
ostta03g04690	5-AMP-activated protein kinase, beta subunit, interaction domain
ostta03g04720	Short-chain dehydrogenase/reductase SDR
ostta03g04740	Tetratricopeptide repeat
ostta03g04770	' 3"5"-cyclic nucleotide phosphodiesterase'
ostta03g04780	unnamed product
ostta03g04790	Translation elongation/initiation factor/Ribosomal, beta-barrel
ostta03g04930	Rubisco LS methyltransferase, substrate-binding domain
ostta03g05050	FAD dependent oxidoreductase
ostta03g05060	TAP42-like protein
ostta03g05080	Radical SAM
ostta03g05380	tRNA modification GTPase MnME domain 2
ostta03g05410	Ribosomal protein L11
ostta03g05460	unnamed product
ostta03g05480	P-loop containing nucleoside triphosphate hydrolase

ostta03g05640	Major facilitator superfamily domain, general substrate transporter
ostta03g05660	unnamed product
ostta03g05690	Beta-1,4-galactosyltransferase
ostta03g05715	Erv1/Alr
ostta03g05730	Amino acid transporter, transmembrane n/a Amino acid transporter, transmembran
ostta03g05740	Ribosomal protein S23/S29, mitochondrial
ostta03g05780	Chloride channel, voltage gated
ostta03g05880	Ribosomal protein L22, bacterial/chloroplast-type
ostta03g05900	Uncharacterised protein family Ycf20
ostta03g05980	DEAD/DEAH-box helicase, putative
ostta03g05990	unnamed product
ostta03g06020	unnamed product
ostta03g06030	unnamed product
ostta04g00150	P25-alpha
ostta04g00160	unnamed product
ostta04g00200	Peptidoglycan-binding lysin domain
ostta04g00240	Flavin amine oxidase
ostta04g00270	unnamed product
ostta04g00310	unnamed product
ostta04g00320	unnamed product
ostta04g00470	Cullin repeat-like-containing domain
ostta04g00550	UbiE/COQ5 methyltransferase
ostta04g00590	Surfeit locus 1/Shy1
ostta04g00790	K Homology domain, type 1
ostta04g00870	Metalloenzyme, LuxS/M16 peptidase-like
ostta04g00900	Multi antimicrobial extrusion protein
ostta04g00910	Armadillo-type fold
ostta04g00940	Histone methylation DOT1
ostta04g00950	unnamed product
ostta04g01000	GPI mannosyltransferase
ostta04g01150	unnamed product
ostta04g01160	unnamed product
ostta04g01250	Tetratricopeptide repeat

ostta04g01270	Ribosomal protein S3, eukaryotic/archaeal
ostta04g01290	OB-fold nucleic acid binding domain, AA-tRNA synthetase-type
ostta04g01310	Ribosomal protein L32e
ostta04g01340	NADH-azoreductase, FMN-dependent
ostta04g01440	NADH:ubiquinone oxidoreductase, ESSS subunit
ostta04g01460	Peptidase A22B, signal peptide peptidase
ostta04g01470	unnamed product
ostta04g01650	Up-frameshift suppressor 2
ostta04g01660	Aminoacyl-tRNA synthetase, class Ia
ostta04g01740	unnamed product
ostta04g01760	Ribosomal protein L6, alpha-beta domain
ostta04g01845	Pheromone shutdown, TraB
ostta04g01850	Transport protein XK
ostta04g01860	Ribosomal protein L2, conserved site
ostta04g01930	Ubiquitin carboxyl-terminal hydrolases family 2
ostta04g01940	Lipase, class 3
ostta04g02110	Exoribonuclease, phosphorolytic domain 2
ostta04g02170	unnamed product
ostta04g02190	unnamed product
ostta04g02230	unnamed product
ostta04g02310	JmjC domain
ostta04g02400	CRAL/TRIO, N-terminal domain
ostta04g02410	D123
ostta04g02560	Glycerophosphoryl diester phosphodiesterase
ostta04g02590	Actin-related protein
ostta04g02670	Nicotinamide N-methyltransferase-like
ostta04g02680	unnamed product
ostta04g02710	Thioredoxin, conserved site
ostta04g02790	Autophagy-related protein 2
ostta04g02820	P-loop containing nucleoside triphosphate hydrolase
ostta04g02890	unnamed product
ostta04g02920	unnamed product
ostta04g02940	unnamed product
ostta04g02980	CAAX amino terminal protease

ostta04g03100	Tetratricopeptide, MLP1/MLP2-like
ostta04g03110	P-loop containing nucleoside triphosphate hydrolase
ostta04g03150	SWIB/MDM2 domain
ostta04g03170	Polyprenyl synthetase
ostta04g03220	unnamed product
ostta04g03240	unnamed product
ostta04g03280	unnamed product
ostta04g03290	Domain of unknown function DUF4200
ostta04g03370	DnaJ domain
ostta04g03410	unnamed product
ostta04g03430	EF-Hand 1, calcium-binding site
ostta04g03500	Nucleotide-binding, alpha-beta plait
ostta04g03510	Fatty acid desaturase, type 2
ostta04g03520	Adenylate kinase
ostta04g03540	ABC-2 type transporter
ostta04g03680	O-methyltransferase, family 3
ostta04g03690	unnamed product
ostta04g03740	Arsenite/antimonite efflux pump membrane protein, ArsB
ostta04g03820	unnamed product
ostta04g03830	unnamed product
ostta04g04030	unnamed product
ostta04g04065	Photosystem II Pbs27
ostta04g04110	Clathrin/coatomer adaptor, adaptin-like, N-terminal
ostta04g04120	Bacterial transferase hexapeptide repeat
ostta04g04170	Ribosomal protein L34Ae
ostta04g04190	EF-hand domain pair
ostta04g04230	Ribosomal protein L28
ostta04g04300	unnamed product
ostta04g04320	Zinc finger, SWIM-type
ostta04g04380	Peptidyl-prolyl cis-trans isomerase, FKBP-type, domain
ostta04g04440	Sensitivity To Red Light Reduced-like, SRR1
ostta04g04450	unnamed product
ostta04g04530	unnamed product
ostta04g04650	Beclin family

ostta04g04660	unnamed product
ostta04g04670	unnamed product
ostta04g04680	IQ motif, EF-hand binding site
ostta04g04690	Cycloeucalenol cycloisomerase
ostta04g04700	unnamed product
ostta04g04740	Thioredoxin-like fold
ostta04g04750	Branched-chain amino acid aminotransferase II
ostta04g05020	unnamed product
ostta04g05030	Ribosomal protein S17e, conserved site
ostta04g05110	Ribosomal protein L7Ae/L30e/S12e/Gadd45
ostta04g05140	Zinc finger, RING/FYVE/PHD-type
ostta04g05180	unnamed product
ostta04g05300	unnamed product
ostta04g05360	SPX, N-terminal
ostta04g05390	Mitochondrial import receptor subunit TOM7
ostta04g05430	Protein of unknown function DUF4336
ostta04g05440	unnamed product
ostta04g05510	Ankyrin repeat
ostta04g05560	unnamed product
ostta04g05580	unnamed product
ostta04g05600	Helicase, C-terminal
ostta05g00110	Ribosomal protein L27e
ostta05g00220	Hydroxy monocarboxylic acid anion dehydrogenase, HIBADH-type
ostta05g00225	hypothetical protein
ostta05g00240	PPPDE putative peptidase domain
ostta05g00250	AMP-dependent synthetase/ligase
ostta05g00280	HSP40/DnaJ peptide-binding
ostta05g00400	Cytidine/deoxycytidylate deaminase, zinc-binding domain
ostta05g00470	Ammonium transporter AmtB-like domain
ostta05g00580	unnamed product
ostta05g00620	unnamed product
ostta05g00670	Arf GTPase activating protein
ostta05g00740	Transferase 1, rSAM/selenodomain-associated
ostta05g00820	Parallel beta-helix repeat

ostta05g00870	Peptidyl-prolyl cis-trans isomerase, FKBP-type, domain
ostta05g00880	Carbohydrate kinase PfkB
ostta05g00970	C-5 cytosine methyltransferase
ostta05g01060	Phosphoesterase domain
ostta05g01180	NADP-dependent oxidoreductase domain
ostta05g01210	Prefoldin
ostta05g01250	Single-stranded nucleic acid binding R3H
ostta05g01290	Translocon-associated protein TRAP, alpha subunit
ostta05g01300	Aminotransferases, class-I, pyridoxal-phosphate-binding site
ostta05g01350	Dihydrodipicolinate synthetase, conserved site
ostta05g01360	D-isomer specific 2-hydroxyacid dehydrogenase, NAD-binding
ostta05g01430	Fructose-1,6-bisphosphatase class 1/Sedoheputulose-1,7-bisphosphatase
ostta05g01440	RmlC-like jelly roll fold
ostta05g01460	Ribosomal protein L29
ostta05g01470	HSP40/DnaJ peptide-binding
ostta05g01500	unnamed product
ostta05g01520	Phosphorylated CTD interacting factor 1, WW domain
ostta05g01590	SNF2-related
ostta05g01710	Asparagine synthase, glutamine-hydrolyzing
ostta05g01720	Domain of unknown function DUF2431
ostta05g01740	HAD-superfamily hydrolase,subfamily IIIA
ostta05g01750	unnamed product
ostta05g01760	Citrate synthase active site
ostta05g01820	3-dehydroquinate synthase AroB
ostta05g01860	Clp protease proteolytic subunit /Translocation-enhancing protein TepA
ostta05g01890	DNA/RNA-binding protein Alba-like
ostta05g01900	APOBEC/CMP deaminase, zinc-binding
ostta05g01910	GYF
ostta05g01930	Serine endopeptidase DegP2
ostta05g01970	ATPase, F1 complex, OSCP/delta subunit
ostta05g02130	Inosine/uridine-preferring nucleoside hydrolase
ostta05g02140	Peptidase S54, rhomboid domain
ostta05g02200	WD40/YVTN repeat-like-containing domain
ostta05g02290	Drug/metabolite transporter

ostta05g02400	unnamed product
ostta05g02530	GPI transamidase component PIG-T
ostta05g02560	Organic solute transporter Ost-alpha
ostta05g02580	Vesicle tethering protein Uso1/P115-like , head domain
ostta05g02590	unnamed product
ostta05g02620	Ubiquitin-conjugating enzyme, active site
ostta05g02630	unnamed product
ostta05g02660	Twin-arginine translocation pathway, signal sequence
ostta05g02845	hypothetical protein
ostta05g02860	HSP20-like chaperone
ostta05g02890	Uncharacterised domain UPF0066, YaeB-like domain
ostta05g02900	Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase
ostta05g02990	Biotin/lipoate A/B protein ligase
ostta05g03050	Tetratricopeptide-like helical
ostta05g03160	Drug/metabolite transporter
ostta05g03370	Major facilitator superfamily domain, general substrate transporter
ostta05g03390	RmlC-like jelly roll fold
ostta05g03405	Ovarian tumour, otubain
ostta05g03470	P-loop containing nucleoside triphosphate hydrolase
ostta05g03480	Nucleotide-binding, alpha-beta plait
ostta05g03500	ABC-2 type transporter
ostta05g03690	unnamed product
ostta05g03720	unnamed product
ostta05g03780	SET domain
ostta05g03790	Domain of unknown function DUF3635
ostta05g03850	Cytochrome b5-like heme/steroid binding domain
ostta05g03860	Uroporphyrin-III C-methyltransferase
ostta05g03870	Ribosomal protein S9, conserved site
ostta05g03880	unnamed product
ostta05g03930	Adenylyl cyclase class-3/4/guanylyl cyclase
ostta05g03990	unnamed product
ostta05g04140	Bicarbonate transporter, eukaryotic
ostta05g04190	Checkpoint protein Hus1/Mec3

ostta05g04260	tRNA guanine-N1--methyltransferase, eukaryotic
ostta05g04270	unnamed product
ostta05g04310	GCN5-like 1
ostta05g04330	Glycoside hydrolase, family 37, conserved site
ostta05g04340	Thioredoxin-like fold
ostta05g04365	hypothetical protein
ostta05g04380	Ferredoxin-dependent bilin reductase
ostta05g04390	unnamed product
ostta05g04415	hypothetical protein
ostta05g04420	Aspartate/glutamate/uridylate kinase
ostta05g04450	Ankyrin repeat
ostta05g04460	HSP40/DnaJ peptide-binding
ostta05g04480	unnamed product
ostta05g04600	Alcohol dehydrogenase superfamily, zinc-type
ostta05g04630	unnamed product
ostta05g04640	Polycomb protein, VEFS-Box
ostta05g04780	Major facilitator superfamily domain, general substrate transporter
ostta05g04800	Translation elongation/initiation factor/Ribosomal, beta-barrel
ostta05g04820	TRAM/LAG1/CLN8 homology domain
ostta05g04880	Multi antimicrobial extrusion protein
ostta05g04885	Enkurin-like domain
ostta05g04910	Ribosomal protein L13e
ostta06g00160	Bacterial surface antigen D15
ostta06g00170	unnamed product
ostta06g00300	unnamed product
ostta06g00370	Molybdenum cofactor sulfurase, C-terminal
ostta06g00390	unnamed product
ostta06g00440	Uncharacterised protein family UPF0047
ostta06g00520	P-loop containing nucleoside triphosphate hydrolase
ostta06g00540	unnamed product
ostta06g00550	unnamed product
ostta06g00590	P-loop containing nucleoside triphosphate hydrolase
ostta06g00770	unnamed product
ostta06g00860	Tetratricopeptide repeat

ostta06g00870	Histidine phosphatase superfamily, clade-1
ostta06g00880	GTP cyclohydrolase II, RibA
ostta06g00945	hypothetical protein
ostta06g00970	Rpn11/EIF3F C-terminal domain
ostta06g01020	T-complex protein 1, delta subunit
ostta06g01210	Thioredoxin-like fold
ostta06g01250	Protein of unknown function DUF1077, TMEM85
ostta06g01260	SUMO-conjugating enzyme Ubc9
ostta06g01280	unnamed product
ostta06g01300	Protein of unknown function DUF819
ostta06g01340	UbiA prenyltransferase family
ostta06g01420	Essential protein Yae1, N-terminal
ostta06g01530	Ribosomal protein S17
ostta06g01670	Thioredoxin, conserved site
ostta06g01680	unnamed product
ostta06g01740	unnamed product
ostta06g01770	Protein of unknown function DUF775
ostta06g01790	Aminoacyl-tRNA synthetase, class Ic
ostta06g01860	Nucleic acid-binding, OB-fold
ostta06g01900	unnamed product
ostta06g01930	Exonuclease, RNase T/DNA polymerase III
ostta06g01950	WD40/YVTN repeat-like-containing domain
ostta06g01980	unnamed product
ostta06g01990	Aldehyde dehydrogenase, C-terminal
ostta06g02210	unnamed product
ostta06g02270	Lactate dehydrogenase/glycoside hydrolase, family 4, C-terminal
ostta06g02330	unnamed product
ostta06g02380	GCK
ostta06g02400	Splicing factor 3B, subunit 5
ostta06g02410	PBP domain
ostta06g02530	Proline-tRNA ligase, class IIa
ostta06g02615	hypothetical protein
ostta06g02630	Complex 1 LYR protein
ostta06g02650	Transketolase-like, C-terminal

ostta06g02660	Proteasome maturation factor UMP1
ostta06g02685	Regulator of chromosome condensation, RCC1
ostta06g02700	Anaphase-promoting complex subunit 1
ostta06g02710	Cyclophilin-like peptidyl-prolyl cis-trans isomerase domain
ostta06g02880	RNA-binding motif protein 8
ostta06g03020	Ribosomal protein L22/L17, conserved site
ostta06g03070	Phytanoyl-CoA dioxygenase
ostta06g03090	unnamed product
ostta06g03100	unnamed product
ostta06g03170	Synaptobrevin
ostta06g03210	Tetratricopeptide-like helical
ostta06g03270	DAHP synthetase, class II n/a DAHP synthetase, class II n/a DAHP synthetase,
ostta06g03310	Syntaxin, N-terminal domain
ostta06g03332	Ribosomal protein L2 domain 2
ostta06g03410	unnamed product
ostta06g03530	Dual specificity phosphatase, subgroup, catalytic domain
ostta06g03670	C-5 cytosine methyltransferase
ostta06g03680	Rubredoxin-type fold
ostta06g03760	unnamed product
ostta06g03770	unnamed product
ostta06g03800	Major facilitator superfamily domain, general substrate transporter
ostta06g03810	Autophagy-related protein 3, N-terminal
ostta06g03880	Bacterial transferase hexapeptide repeat
ostta06g04010	Translation elongation/initiation factor/Ribosomal, beta-barrel
ostta06g04020	GYF
ostta06g04180	Purple acid phosphatase-like, N-terminal
ostta06g04190	Uncharacterised protein family Ycf19
ostta06g04200	Indole-3-glycerol phosphate synthase
ostta06g04230	Bromodomain
ostta06g04240	Ribosomal protein L7Ae conserved site
ostta06g04290	Apc5/TPR19 domain
ostta06g04310	SAP domain
ostta06g04345	Rossmann-like alpha/beta/alpha sandwich fold

ostta06g04370	Two pore domain potassium channel domain
ostta06g04380	PMP-22/EMP/MP20/Claudin superfamily
ostta06g04420	Lipase, class 3
ostta06g04430	Acyl-CoA N-acyltransferase
ostta06g04460	Dynein heavy chain
ostta06g04550	unnamed product
ostta06g04560	EF-Hand 1, calcium-binding site
ostta06g04570	Tryptophan synthase beta subunit-like PLP-dependent enzymes superfamily
ostta06g04580	Major facilitator superfamily domain, general substrate transporter
ostta06g04630	unnamed product
ostta07g00020	Mre11, DNA-binding
ostta07g00030	Ribosomal L11 methyltransferase, PrmA
ostta07g00050	Ribosomal protein S5/S7, eukaryotic/archaeal
ostta07g00080	RWP-RK domain
ostta07g00100	unnamed product
ostta07g00170	Ribosomal protein L18ae
ostta07g00200	unnamed product
ostta07g00240	Protein of unknown function DUF4539
ostta07g00290	Thioredoxin-like fold
ostta07g00335	hypothetical protein
ostta07g00340	unnamed product
ostta07g00360	Glyoxalase-like domain
ostta07g00385	Coenzyme F420 hydrogenase/dehydrogenase beta subunit, N-terminal
ostta07g00470	unnamed product
ostta07g00570	von Hippel-Lindau disease tumour suppressor, beta/alpha domain
ostta07g00630	Endonuclease/exonuclease/phosphatase
ostta07g00650	Tetratricopeptide repeat
ostta07g00655	Domain of unknown function DUF125, transmembrane
ostta07g00690	Thermonuclease active site
ostta07g00760	unnamed product
ostta07g00910	Ubiquitin supergroup
ostta07g00930	unnamed product
ostta07g00950	Ribonuclease T2, active site
ostta07g01000	Rossmann-like alpha/beta/alpha sandwich fold

ostta07g01040	Malic enzyme, NAD-binding
ostta07g01110	Anthranilate synthase component I, PabB-like
ostta07g01130	tRNA intron endonuclease, catalytic domain-like
ostta07g01150	ABC transporter, conserved site
ostta07g01160	unnamed product
ostta07g01230	Ribosomal protein S5 domain 2-type fold, subgroup
ostta07g01280	unnamed product
ostta07g01285	hypothetical protein
ostta07g01310	Glycosyl transferase, family 1
ostta07g01340	Thymidylate kinase, conserved site
ostta07g01360	Mitochondrial matrix Mmp37
ostta07g01410	Domain of unknown function DUF2012
ostta07g01420	WD40 repeat
ostta07g01470	Alcohol dehydrogenase superfamily, zinc-type
ostta07g01480	unnamed product
ostta07g01540	Tetrahydrofolate dehydrogenase/cyclohydrolase, conserved site
ostta07g01560	unnamed product
ostta07g01570	unnamed product
ostta07g01630	unnamed product
ostta07g01720	Cysteamine dioxygenase
ostta07g01750	Oxoglutarate/iron-dependent dioxygenase
ostta07g01770	unnamed product
ostta07g01880	Alanine-tRNA ligase, class IIc, anti-codon-binding domain
ostta07g01940	DNA-directed RNA polymerase Rpb11, 13-16kDa subunit, conserved site
ostta07g01960	unnamed product
ostta07g01970	V-ATPase proteolipid subunit
ostta07g01975	V-ATPase proteolipid subunit
ostta07g01990	ATPase, F1 complex, epsilon subunit, mitochondrial
ostta07g02000	unnamed product
ostta07g02030	Peptidase U9, T4 prohead protease
ostta07g02150	FERM/acyl-CoA-binding protein, 3-helical bundle
ostta07g02200	FERM/acyl-CoA-binding protein, 3-helical bundle
ostta07g02210	Cobalamin vitamin B12 biosynthesis CobW-like, C-terminal
ostta07g02240	Armadillo-type fold

ostta07g02270	unnamed product
ostta07g02320	WD40 repeat
ostta07g02370	Activator of Hsp90 ATPase, N-terminal
ostta07g02380	unnamed product
ostta07g02420	Photosystem II cytochrome b559, alpha subunit
ostta07g02480	YCII-related
ostta07g02500	Protein of unknown function DUF3411, plant
ostta07g02620	Tetracycline resistance protein, TetA/multidrug resistance protein MdtG
ostta07g02650	NADP-binding domain
ostta07g02660	Non-structural maintenance of chromosomes element 1
ostta07g02675	Butirosin biosynthesis, BtrG-like
ostta07g02720	SUF system FeS cluster assembly, SufD
ostta07g02725	Serine/threonine-protein kinase, active site
ostta07g02740	unnamed product
ostta07g02750	Ribosome recycling factor
ostta07g02770	Protein kinase-like domain
ostta07g02780	S15/NS1, RNA-binding
ostta07g02810	Tryptophan synthase beta chain/beta chain-like
ostta07g03030	Ribonucleoprotein LSM domain, eukaryotic/archaea-type
ostta07g03230	ATPase, F0 complex, subunit D, mitochondrial
ostta07g03240	Tubulin-tyrosine ligase/Tubulin polyglutamylase
ostta07g03310	unnamed product
ostta07g03400	Lumazine-binding protein
ostta07g03460	Transcription factor CBF/NF-Y/archaeal histone
ostta07g03550	Tryptophan synthase beta subunit-like PLP-dependent enzymes superfamily
ostta07g03620	Zinc finger, NHR/GATA-type
ostta07g03650	Ribosomal protein S28e n/a Ribosomal protein S28e
ostta07g03670	Clathrin adaptor, mu subunit, conserved site
ostta07g03780	MaoC-like domain
ostta07g03790	unnamed product
ostta07g03810	UBA-like
ostta07g03850	TMS membrane protein/tumour differentially expressed protein
ostta07g03885	Ribosomal protein L30, ferredoxin-like fold domain
ostta07g03890	HAD-superfamily hydrolase, subfamily IB, PSPase-like

ostta07g03960	Quinonprotein alcohol dehydrogenase-like superfamily
ostta07g03990	HAD hydrolase, subfamily IA
ostta07g04060	Histidine phosphatase superfamily, clade-1
ostta07g04080	Uncharacterised conserved protein UCP037205
ostta07g04110	unnamed product
ostta07g04170	ROK
ostta07g04180	Ribosomal protein L37e
ostta07g04250	Kelch-type beta propeller
ostta07g04280	unnamed product
ostta07g04330	Eukaryotic translation initiation factor 3 subunit A
ostta07g04440	CobB/CobQ glutamine amidotransferase
ostta07g04450	Ribosomal protein L18, bacterial-type
ostta07g04540	Phospholipase/carboxylesterase/thioesterase
ostta07g04610	unnamed product
ostta07g04700	Pentatricopeptide repeat
ostta07g04710	unnamed product
ostta07g04720	unnamed product
ostta07g04730	Plastid lipid-associated protein/fibrillin conserved domain
ostta07g04760	unnamed product
ostta08g00020	unnamed product
ostta08g00060	Adenylate kinase
ostta08g00070	Choline/Ethanolamine kinase
ostta08g00090	Domain of unknown function DUF202
ostta08g00180	unnamed product
ostta08g00200	Histone core
ostta08g00260	Short-chain dehydrogenase/reductase SDR
ostta08g00310	Tetratricopeptide, SHNi-TPR domain
ostta08g00370	unnamed product
ostta08g00380	unnamed product
ostta08g00390	Reverse transcriptase, RNA-dependent DNA polymerase
ostta08g00410	Eukaryotic translation initiation factor 3 subunit D
ostta08g00470	Glutathione peroxidase
ostta08g00500	unnamed product
ostta08g00510	Thioredoxin-like fold

ostta08g00570	Ribosomal protein S30
ostta08g00580	S15/NS1, RNA-binding
ostta08g00640	EAP30
ostta08g00670	unnamed product
ostta08g00730	Major facilitator superfamily domain, general substrate transporter
ostta08g00755	hypothetical protein
ostta08g00860	L-aspartate oxidase
ostta08g00865	Cold-shock protein, DNA-binding
ostta08g00870	WD40/YVTN repeat-like-containing domain
ostta08g00930	Lactate dehydrogenase/glycoside hydrolase, family 4, C-terminal
ostta08g01030	CHCH
ostta08g01150	Transcription factor jumonji, JmjN
ostta08g01260	unnamed product
ostta08g01360	Actin-related protein
ostta08g01380	Sterol-sensing domain
ostta08g01390	Chalcone isomerase
ostta08g01395	Ribosomal protein S14, conserved site
ostta08g01430	Ribosomal protein L34, conserved site
ostta08g01680	unnamed product
ostta08g01740	Arginine-tRNA ligase, class Ia n/a Arginine-tRNA ligase, class Ia
ostta08g01750	Ubiquitin supergroup
ostta08g01760	Endonuclease/exonuclease/phosphatase
ostta08g01830	Ribosomal protein S27/S33, mitochondrial
ostta08g01860	Ribosomal protein S5 domain 2-type fold, subgroup
ostta08g01895	FAD synthetase
ostta08g02010	Aminoacyl-tRNA synthetase, class II
ostta08g02080	Sel1-like
ostta08g02160	Peptidase M50
ostta08g02270	unnamed product
ostta08g02460	Regulator of chromosome condensation, RCC1
ostta08g02510	Carbamoyl-phosphate synthase large subunit, CPSase domain
ostta08g02540	Pre-mRNA splicing factor
ostta08g02550	Zinc finger, B-box
ostta08g02600	Chaperone tailless complex polypeptide 1 TCP-1

ostta08g02640	RmlC-like jelly roll fold
ostta08g02650	NUDIX hydrolase, conserved site
ostta08g02660	Pyridoxal phosphate-dependent transferase, major region, subdomain 2
ostta08g02710	unnamed product
ostta08g02770	Pseudouridine synthase, RsuA/RluB/C/D/E/F
ostta08g02800	unnamed product
ostta08g02850	Tryptophan/tyrosine permease
ostta08g02860	unnamed product
ostta08g02880	G-patch domain
ostta08g02900	P-loop containing nucleoside triphosphate hydrolase
ostta08g02920	Chorismate mutase, AroQ class, eukaryotic type
ostta08g03120	unnamed product
ostta08g03150	unnamed product
ostta08g03160	unnamed product
ostta08g03180	Aromatic-ring hydroxylase-like
ostta08g03240	Translation elongation/initiation factor/Ribosomal, beta-barrel
ostta08g03320	Zinc finger, Sec23/Sec24-type
ostta08g03350	Activator of Hsp90 ATPase, N-terminal
ostta08g03395	Zinc finger C2H2-type/integrase DNA-binding domain
ostta08g03410	Oxoglutarate/iron-dependent dioxygenase
ostta08g03500	Heat shock protein DnaJ, cysteine-rich domain
ostta08g03530	von Willebrand factor, type A
ostta08g03550	Mitochondrial import inner membrane translocase subunit Tim8
ostta08g03570	Coiled-coil domain-containing protein 90
ostta08g03610	Aspartate-tRNA ligase, class IIb, bacterial/mitochondrial-type
ostta08g03615	HPP
ostta08g03630	Oxysterol-binding protein
ostta08g03690	Adenosine deaminase/editase
ostta08g03700	Endoplasmic reticulum vesicle transporter, C-terminal
ostta08g03710	Tubulin/FtsZ, 2-layer sandwich domain
ostta08g03800	Protein of unknown function DUF1997
ostta08g03930	unnamed product
ostta08g04090	Cyclophilin-type peptidyl-prolyl cis-trans isomerase, conserved site
ostta08g04110	unnamed product

ostta08g04120	Carbonic anhydrase, cadmium-binding
ostta08g04150	Ribosomal protein L25/L23
ostta08g04190	G-protein beta WD-40 repeat
ostta08g04290	CBS domain
ostta09g00070	RNA polymerase II, Rpb4, core
ostta09g00080	unnamed product
ostta09g00170	Metalloenzyme, LuxS/M16 peptidase-like
ostta09g00230	Histone deacetylase superfamily
ostta09g00370	Ribosomal protein Rsm22, bacterial-type
ostta09g00380	unnamed product
ostta09g00400	Peptidase S9, prolyl oligopeptidase, catalytic domain
ostta09g00440	unnamed product
ostta09g00480	START-like domain
ostta09g00510	Ubiquitin-conjugating enzyme, active site
ostta09g00550	Domain of unknown function DUF1990
ostta09g00560	Tetratricopeptide-like helical
ostta09g00650	Zinc finger, HIT-type n/a Zinc finger, HIT-type
ostta09g00670	unnamed product
ostta09g00730	HSP20-like chaperone
ostta09g00770	Sulphate transporter
ostta09g00840	unnamed product
ostta09g00850	unnamed product
ostta09g00880	Ubiquinone biosynthesis O-methyltransferase
ostta09g00940	Putative sodium bile acid cotransporter
ostta09g00950	unnamed product
ostta09g00980	Saccharopine dehydrogenase / Homospermidine synthase
ostta09g00990	P-loop containing nucleoside triphosphate hydrolase
ostta09g01000	Lysine-specific demethylase NO66/MYC-induced nuclear antigen
ostta09g01020	WW domain
ostta09g01180	' 2",3"-cyclic-nucleotide 3"-phosphodiesterase'
ostta09g01240	Sterol-sensing domain
ostta09g01280	P-loop containing nucleoside triphosphate hydrolase
ostta09g01320	unnamed product
ostta09g01370	Prefoldin subunit 2

ostta09g01410	Rossmann-like alpha/beta/alpha sandwich fold n/a Rossmann-like alpha/beta/alph
ostta09g01470	Histone deacetylase complex subunit SAP30, Sin3 binding domain
ostta09g01560	GC-rich sequence DNA-binding factor domain
ostta09g01660	unnamed product
ostta09g01680	Short-chain dehydrogenase/reductase SDR
ostta09g01710	Phosphoesterase domain
ostta09g01730	Ubiquitin supergroup
ostta09g01750	unnamed product
ostta09g01790	Folylpolyglutamate synthetase
ostta09g01830	Cation-transporting P-type ATPase
ostta09g01860	Aminoacyl-tRNA synthetase, class II
ostta09g01890	Ferric reductase transmembrane component-like domain
ostta09g01900	P-loop containing nucleoside triphosphate hydrolase
ostta09g01930	NAD/GMP synthase
ostta09g01990	Cleft lip and palate transmembrane 1
ostta09g02040	unnamed product
ostta09g02050	CRAL-TRIO domain
ostta09g02100	Phosphoribosyltransferase domain
ostta09g02160	NAD-dependent deacetylase sirtuin-2, sirtuin family, class I
ostta09g02210	unnamed product
ostta09g02280	Pseudouridine synthase, RsuA/RluB/C/D/E/F
ostta09g02290	G-protein beta WD-40 repeat
ostta09g02340	tRNA wybutosine-synthesizing protein
ostta09g02400	Rossmann-like alpha/beta/alpha sandwich fold
ostta09g02450	Serine/threonine-protein kinase, active site
ostta09g02480	unnamed product
ostta09g02520	Clp protease proteolytic subunit /Translocation-enhancing protein TepA
ostta09g02550	Ribosomal protein S4/S9, eukaryotic/archaeal
ostta09g02590	Pyridoxal phosphate-dependent transferase, major region, subdomain 2
ostta09g02620	Nucleic acid-binding, OB-fold
ostta09g02760	Class II aldolase/adducin N-terminal
ostta09g02850	P-loop containing nucleoside triphosphate hydrolase
ostta09g02860	Peptidase M41

ostta09g02910	unnamed product
ostta09g02920	unnamed product
ostta09g02955	Clp protease proteolytic subunit /Translocation-enhancing protein TepA
ostta09g02960	Choline transporter-like
ostta09g02980	Neurolysin/Thimet oligopeptidase, N-terminal
ostta09g03080	NIF system FeS cluster assembly, NifU, C-terminal
ostta09g03140	Spc97/Spc98
ostta09g03150	Ribosomal protein L18e, conserved site
ostta09g03180	Ribosomal protein S7e
ostta09g03235	TB2/DP1/HVA22-related protein
ostta09g03240	Tetratricopeptide repeat
ostta09g03250	EF-Hand 1, calcium-binding site
ostta09g03260	WD40/YVTN repeat-like-containing domain
ostta09g03340	Endoribonuclease L-PSP/chorismate mutase-like
ostta09g03360	Zinc finger, RING/FYVE/PHD-type
ostta09g03390	unnamed product
ostta09g03410	unnamed product
ostta09g03465	Armadillo-type fold
ostta09g03470	Peptidase M12B, ADAM/reprolysin
ostta09g03550	NADH:ubiquinone oxidoreductase intermediate-associated protein 30
ostta09g03555	DNA recombination and repair protein Rad51, C-terminal
ostta09g03560	P-loop containing nucleoside triphosphate hydrolase
ostta09g03590	Thioesterase type II, NRPS/PKS/S-FAS
ostta09g03600	Homoserine dehydrogenase, conserved site
ostta09g03610	unnamed product
ostta09g03630	Cysteine desulfurase, NifS
ostta09g03660	G-protein beta WD-40 repeat
ostta09g03710	WASH1
ostta09g03720	Crotonase superfamily
ostta09g03740	Impact family
ostta09g03790	Homeobox KN domain
ostta09g03800	Rab-GTPase-TBC domain
ostta09g03940	Ubiquitin-conjugating enzyme, E2
ostta09g04010	Ribosomal protein L2 domain 2

ostta09g04080	WD40/YVTN repeat-like-containing domain
ostta09g04120	unnamed product
ostta09g04200	Acyl-CoA N-acyltransferase
ostta09g04230	unnamed product
ostta09g04250	Ribonuclease II/R
ostta09g04310	unnamed product
ostta09g04510	unnamed product
ostta10g00020	Armadillo-type fold
ostta10g00160	Metallopeptidase, catalytic domain
ostta10g00170	Hypoxia-inducible factor 1-alpha inhibitor
ostta10g00220	G-protein beta WD-40 repeat
ostta10g00230	Heat shock protein DnaJ, cysteine-rich domain
ostta10g00280	Ribosomal protein L28/L40, mitochondrial
ostta10g00290	Sulphate adenylyltransferase
ostta10g00300	Chaperonin Cpn60
ostta10g00390	Pleckstrin homology-like domain
ostta10g00430	Transcription elongation factor S-II, central domain
ostta10g00530	Mitochondrial substrate/solute carrier
ostta10g00550	Twin-arginine translocation pathway, signal sequence
ostta10g00580	Biotin synthase/Biotin biosynthesis bifunctional protein BioAB
ostta10g00620	unnamed product
ostta10g00710	Prenylated rab acceptor PRA1
ostta10g00760	NUDIX hydrolase domain-like
ostta10g00810	G-protein beta WD-40 repeat
ostta10g00880	unnamed product
ostta10g00900	unnamed product
ostta10g00910	Formate/nitrite transporter
ostta10g00960	Sulphate transporter
ostta10g00970	MoaA/nifB/pqqE, iron-sulphur binding, conserved site
ostta10g00980	unnamed product
ostta10g01000	Cytochrome b5-like heme/steroid binding domain
ostta10g01010	unnamed product
ostta10g01130	Peptidoglycan binding-like
ostta10g01150	Endoribonuclease L-PSP/chorismate mutase-like

ostta10g01280	Histidine kinase-like ATPase, ATP-binding domain
ostta10g01320	Protein of unknown function DUF760
ostta10g01330	Domain of unknown function DUF4460
ostta10g01400	unnamed product
ostta10g01450	Zinc finger, RING/FYVE/PHD-type
ostta10g01530	RmlC-like jelly roll fold
ostta10g01570	Major facilitator superfamily domain, general substrate transporter
ostta10g01600	Tetratricopeptide-like helical
ostta10g01650	Antibiotic biosynthesis monooxygenase
ostta10g01680	Adenine nucleotide translocator 1
ostta10g01790	unnamed product
ostta10g01810	Translation elongation/initiation factor/Ribosomal, beta-barrel
ostta10g01820	Heat shock chaperonin-binding
ostta10g01840	Ankyrin repeat
ostta10g01940	NADP-binding domain
ostta10g01990	unnamed product
ostta10g02015	Ribosomal protein L31e, conserved site
ostta10g02020	Ribosomal protein L31e, conserved site
ostta10g02120	Cytochrome b5-like heme/steroid binding domain
ostta10g02170	unnamed product
ostta10g02180	Methylosome subunit pICln
ostta10g02210	unnamed product
ostta10g02240	Eukaryotic translation initiation factor 3 subunit J
ostta10g02360	Axin interactor dorsalization-associated protein, C-terminal domain
ostta10g02380	unnamed product
ostta10g02390	unnamed product
ostta10g02460	Glutamine amidotransferase
ostta10g02470	Rhodanese-like domain
ostta10g02540	Pyridoxal phosphate-dependent transferase, major region, subdomain 2
ostta10g02550	SAC3/GANP/Nin1/mts3/eIF-3 p25
ostta10g02570	Aldehyde dehydrogenase, C-terminal
ostta10g02600	unnamed product
ostta10g02700	Branched-chain alpha-ketoacid dehydrogenase kinase/Pyruvate dehydrogenase kinas

ostta10g02800	Cytochrome b5-like heme/steroid binding domain
ostta10g02880	Small GTPase superfamily, ARF/SAR type
ostta10g02920	Complex 1 LYR protein
ostta10g02980	unnamed product
ostta10g03030	PRC-barrel-like
ostta10g03040	EF-Hand 1, calcium-binding site
ostta10g03060	unnamed product
ostta10g03170	Major facilitator superfamily domain, general substrate transporter
ostta10g03190	unnamed product
ostta10g03240	P-loop containing nucleoside triphosphate hydrolase
ostta10g03320	FAS1 domain
ostta10g03340	Carbohydrate kinase, FGGY, C-terminal
ostta10g03370	tRNA-dihydrouridine synthase
ostta10g03390	Adenosine kinase
ostta10g03490	Serine/threonine-protein kinase, active site
ostta10g03520	unnamed product
ostta11g00080	Imidazole glycerol phosphate synthase HisHF
ostta11g00170	Beta-lactamase-like
ostta11g00200	unnamed product
ostta11g00210	Peptidyl-tRNA hydrolase, PTH2
ostta11g00240	unnamed product
ostta11g00250	unnamed product
ostta11g00290	DNA repair metallo-beta-lactamase
ostta11g00480	Tetratricopeptide-like helical
ostta11g00490	unnamed product
ostta11g00530	RNase P subunit p30
ostta11g00540	Acetolactate synthase, small subunit, C-terminal
ostta11g00620	unnamed product
ostta11g00650	Protein of unknown function DUF1824
ostta11g00700	Peptidase M50
ostta11g00760	RNA polymerase II accessory factor, Cdc73
ostta11g00780	Ribosomal protein L24
ostta11g00810	Zinc finger, TRAF-type
ostta11g00860	FeS cluster insertion protein

ostta11g00930	Methyltransferase type 12
ostta11g00980	Lysine-tRNA ligase, class II
ostta11g01010	unnamed product
ostta11g01040	Domain of unknown function DUF4033
ostta11g01090	unnamed product
ostta11g01100	Spermidine/spermine synthases family
ostta11g01120	unnamed product
ostta11g01140	Glutamine amidotransferase type 2 domain
ostta11g01210	Helicase, C-terminal
ostta11g01220	unnamed product
ostta11g01260	unnamed product
ostta11g01270	Cysteine/histidine-rich domain
ostta11g01330	Sterile alpha motif, type 1
ostta11g01340	Cytochrome P450, conserved site
ostta11g01350	Ribosomal protein S5 domain 2-type fold, subgroup
ostta11g01360	unnamed product
ostta11g01390	unnamed product
ostta11g01420	TLDC
ostta11g01510	unnamed product
ostta11g01570	Zinc finger, CCHC-type
ostta11g01620	Thioredoxin-like fold
ostta11g01660	Ribosomal protein L4/L1e
ostta11g01670	NADH:cytochrome b5 reductase CBR
ostta11g01770	Ankyrin repeat-containing domain
ostta11g01800	unnamed product
ostta11g01820	P-loop containing nucleoside triphosphate hydrolase
ostta11g01910	Ubiquitin-associated/translation elongation factor EF1B, N-terminal, eukaryote
ostta11g01950	unnamed product
ostta11g01970	Histone deacetylase superfamily
ostta11g02000	Tetratricopeptide repeat
ostta11g02020	Aminoacyl-tRNA synthetase, class II D/K/N-like
ostta11g02160	Histone H4
ostta11g02190	Aminopeptidase P N-terminal domain

ostta11g02200	unnamed product
ostta11g02210	Methyltransferase domain
ostta11g02300	P-type ATPase, phosphorylation site
ostta11g02380	Ribosomal protein S19e
ostta11g02400	Ribosomal protein L29e
ostta11g02410	26S proteasome complex ubiquitin receptor, subunit Rpn13
ostta11g02440	Mitochondrial substrate/solute carrier
ostta11g02500	Ribosomal protein L38e
ostta11g02510	Nucleoside diphosphate kinase
ostta11g02520	Protein of unknown function DUF833
ostta11g02560	Aminoacyl-tRNA synthetase, class II D/K/N-like
ostta11g02580	unnamed product
ostta11g02590	unnamed product
ostta11g02610	Zinc finger, RING-H2-type
ostta11g02630	Acyl-CoA N-acyltransferase
ostta11g02870	Tubby, C-terminal
ostta11g02880	SET domain
ostta11g02960	Eukaryotic/archaeal PrmC-related
ostta11g03030	Saposin-like type B, 2
ostta11g03220	Ribonuclease II/R
ostta11g03260	EXS, C-terminal
ostta12g00030	unnamed product
ostta12g00050	Tryptophan synthase beta subunit-like PLP-dependent enzymes superfamily
ostta12g00130	Mitochondrial transcription termination factor-related
ostta12g00140	Nitrite/sulphite reductase iron-sulphur/siroheam-binding site
ostta12g00150	3-oxo-5-alpha-steroid 4-dehydrogenase, C-terminal
ostta12g00160	Heat shock protein 70 family n/a Heat shock protein 70 family
ostta12g00180	Multi antimicrobial extrusion protein
ostta12g00190	Thioredoxin-like fold
ostta12g00260	UBA-like
ostta12g00290	Hydroxy monocarboxylic acid anion dehydrogenase, HIBADH-type
ostta12g00350	Helicase, C-terminal
ostta12g00410	HSP40/DnaJ peptide-binding
ostta12g00440	NADH-quinone oxidoreductase, chain G, C-terminal

ostta12g00570	Zinc finger, RING/FYVE/PHD-type
ostta12g00610	Surfeit locus 1/Shy1
ostta12g00620	unnamed product
ostta12g00630	Zinc finger, CCHC-type
ostta12g00770	unnamed product
ostta12g00900	Phosphomethylpyrimidine kinase type-1
ostta12g00910	ABC transporter type 1, transmembrane domain
ostta12g00940	Thiaminase-2/PQQ biosynthesis protein C
ostta12g00970	unnamed product
ostta12g00990	Histone core
ostta12g01010	KOW
ostta12g01080	unnamed product
ostta12g01130	Syntaxin/epimorphin, conserved site
ostta12g01230	Ferritin-like superfamily
ostta12g01290	Rudiment single hybrid motif
ostta12g01400	unnamed product
ostta12g01420	Myb domain, plants
ostta12g01500	Proteasome component PCI domain
ostta12g01610	BolA protein
ostta12g01620	Zinc finger, RING/FYVE/PHD-type
ostta12g01630	NAD-dependent epimerase/dehydratase n/a NAD-dependent epimerase/dehydratase
ostta12g01720	WD40 repeat
ostta12g01760	Taurine catabolism dioxygenase TauD/TfdA
ostta12g01800	Putative thiol-disulphide oxidoreductase DCC
ostta12g01810	Flavin monooxygenase-like
ostta12g01840	unnamed product
ostta12g01910	Heat shock protein 70 family
ostta12g02140	Transcription factor IIS, N-terminal
ostta12g02270	unnamed product
ostta12g02300	RelA/SpoT
ostta12g02360	Histidine kinase-like ATPase, ATP-binding domain n/a Histidine kinase-like ATPg domain
ostta12g02370	Spore coat protein CotH
ostta12g02450	Ribosomal protein L13, eukaryotic/archaeal

ostta12g02490	DNA polymerase III, clamp loader complex, gamma/delta/delta subunit, C-terminal
ostta12g02520	Regulator of K ⁺ conductance, N-terminal
ostta12g02530	Zinc finger, RING/FYVE/PHD-type
ostta12g02610	Shikimate dehydrogenase substrate binding, N-terminal
ostta12g02640	KDPG/KHG aldolase
ostta12g02665	hypothetical protein
ostta12g02680	Ribosomal protein S19 conserved site
ostta12g02690	Protein of unknown function DUF1350
ostta12g02770	Small GTPase superfamily, ARF/SAR type
ostta12g02790	BRCT domain
ostta12g02840	Zinc finger, CW-type
ostta12g02850	unnamed product
ostta12g02920	Ribosomal protein L22e n/a Ribosomal protein L22e
ostta12g02960	Phosphoenolpyruvate carboxylase
ostta12g02970	Fumarate lyase, conserved site
ostta12g02990	Tetratricopeptide repeat
ostta12g03040	Regulator of K ⁺ conductance, C-terminal
ostta13g00010	unnamed product
ostta13g00020	Ubiquitin carboxyl-terminal hydrolases family 2
ostta13g00030	P-loop containing nucleoside triphosphate hydrolase
ostta13g00040	Ankyrin repeat
ostta13g00090	ATPase, AAA-type, core
ostta13g00100	Pyrroline-5-carboxylate reductase
ostta13g00120	DNA topoisomerase, type IIA, subunit A/ C-terminal, alpha-beta
ostta13g00160	NAD-dependent epimerase/dehydratase
ostta13g00170	Plastid lipid-associated protein/fibrillin conserved domain
ostta13g00190	' Pyridoxamine 5"-phosphate oxidase, probable FMN-dependent, Alr4036 family'
ostta13g00320	UTP--glucose-1-phosphate uridylyltransferase
ostta13g00330	Thioredoxin-like fold
ostta13g00360	Metalloenzyme, LuxS/M16 peptidase-like
ostta13g00420	Protein of unknown function UPF0301
ostta13g00500	Domain of unknown function DUF1338
ostta13g00530	ABC transporter, conserved site

ostta13g00550	Phytanoyl-CoA dioxygenase
ostta13g00560	unnamed product
ostta13g00570	Cyclophilin-like peptidyl-prolyl cis-trans isomerase domain
ostta13g00660	unnamed product
ostta13g00680	DnaJ domain
ostta13g00710	HSP20-like chaperone
ostta13g00860	S-adenosylmethionine decarboxylase subgroup
ostta13g00940	unnamed product
ostta13g01020	Major facilitator superfamily domain, general substrate transporter
ostta13g01040	Cytochrome b5-like heme/steroid binding domain
ostta13g01130	RmlC-like jelly roll fold
ostta13g01250	unnamed product
ostta13g01270	unnamed product
ostta13g01300	Zinc finger, RING-CH-type
ostta13g01390	P-loop containing nucleoside triphosphate hydrolase
ostta13g01420	Bile acid:sodium symporter
ostta13g01460	Pyruvate phosphate dikinase, PEP/pyruvate-binding
ostta13g01510	G-protein beta WD-40 repeat
ostta13g01520	Zinc finger, ZZ-type
ostta13g01600	Translation initiation factor 1A eIF-1A
ostta13g01680	DNA photolyase, class 2
ostta13g01690	Nucleotide sugar dehydrogenase
ostta13g01700	AIR synthase-related protein, C-terminal domain
ostta13g01730	MaoC-like domain
ostta13g01760	unnamed product
ostta13g01790	unnamed product
ostta13g01800	Equilibrative nucleoside transporter
ostta13g01850	unnamed product
ostta13g01905	hypothetical protein
ostta13g01940	Serine/threonine- / dual specificity protein kinase, catalytic domain
ostta13g01970	Protein of unknown function DUF1126
ostta13g02000	DNA-binding domain n/a DNA-binding domain
ostta13g02070	unnamed product
ostta13g02090	Adrenodoxin-NADP+ reductase

ostta13g02200	Amidohydrolase 1
ostta13g02310	HSP20-like chaperone
ostta13g02330	P-loop containing nucleoside triphosphate hydrolase
ostta13g02360	Tafazzin
ostta13g02380	Nucleotide-binding, alpha-beta plait n/a Nucleotide-binding, alpha-beta plait
ostta13g02460	Eukaryotic translation initiation factor 3 subunit E, N-terminal
ostta13g02660	Sulfotransferase
ostta13g02895	Pentatricopeptide repeat
ostta13g02940	Isocitrate dehydrogenase NADP-dependent
ostta13g02980	Ribosome-associated, YjgA n/a Ribosome-associated, YjgA
ostta13g03060	Squalene/phytoene synthase n/a Squalene/phytoene synthase
ostta14g00040	Ankyrin repeat
ostta14g00055	n/a hypothetical protein
ostta14g00066	n/a hypothetical protein
ostta14g00110	Ribosomal protein L10/acidic P0
ostta14g00130	Histidine phosphatase superfamily, clade-1
ostta14g00230	Mechanosensitive ion channel MscS, transmembrane-2
ostta14g00300	Splicing factor motif
ostta14g00330	Ribonucleoprotein LSM domain, eukaryotic/archaea-type
ostta14g00360	Thioredoxin, conserved site
ostta14g00430	unnamed product
ostta14g00440	Ribosomal protein L33, conserved site
ostta14g00470	Magnesium transporter NIPA
ostta14g00590	Ubiquitin-conjugating enzyme, E2
ostta14g00650	SAM-dependent methyltransferase RsmI, conserved site
ostta14g00660	Ubiquitin-conjugating enzyme, active site
ostta14g00670	Pentapeptide repeat
ostta14g00710	Nucleotide-binding, alpha-beta plait n/a Nucleotide-binding, alpha-beta plait
ostta14g00715	n/a hypothetical protein
ostta14g00760	Mog1/PsbP, alpha/beta/alpha sandwich
ostta14g00880	Ribosomal protein S18
ostta14g00920	Helicase, C-terminal
ostta14g00950	Calcium/calmodulin-dependent/calcium-dependent protein kinase
ostta14g01150	HAD-like domain n/a HAD-like domain

ostta14g01170	GroES-like
ostta14g01180	Protein of unknown function DUF92, TMEM19 n/a Protein of unknown function DUF9
ostta14g01260	Protein of unknown function DUF3293
ostta14g01320	Pectinacetylsterase
ostta14g01345	HSP20-like chaperone n/a HSP20-like chaperone
ostta14g01380	C2 calcium-dependent membrane targeting n/a C2 calcium-dependent membrane targ
ostta14g01390	Thioredoxin-like fold
ostta14g01400	Zinc finger, PHD-finger
ostta14g01440	Peptidase M41, FtsH extracellular
ostta14g01485	Ankyrin repeat n/a Ankyrin repeat
ostta14g01520	Translation elongation/initiation factor/Ribosomal, beta-barrel
ostta14g01530	Concanavalin A-like lectin/glucanase, subgroup
ostta14g01680	ABC transporter, conserved site n/a ABC transporter, conserved site
ostta14g01750	N-acetyl-gamma-glutamyl-phosphate reductase, type 2
ostta14g01770	unnamed product
ostta14g01790	unnamed product
ostta14g01800	Actin-related protein 2 Arp2
ostta14g01840	Lysine-tRNA ligase, class II
ostta14g01850	Ribosomal protein L31
ostta14g01880	DNA-binding HORMA
ostta14g01940	K Homology domain, type 1
ostta14g01970	Thioredoxin-like fold
ostta14g01990	Myc-type, basic helix-loop-helix bHLH domain
ostta14g02080	Tim10/DDP family zinc finger
ostta14g02120	Maf-like protein
ostta14g02200	UbiA prenyltransferase family n/a UbiA prenyltransferase family
ostta14g02290	unnamed product
ostta14g02300	Ribosomal protein L20
ostta14g02310	Ribosomal protein S8e/ribosomal biogenesis NSA2
ostta14g02330	Polycomb protein, VEFS-Box
ostta14g02410	Platelet-activating factor acetylhydrolase n/a Platelet-activating factor acet
ostta14g02430	RZZ complex, subunit Zw10
ostta14g02540	Cation/H ⁺ exchanger

ostta14g02660	Peptide chain release factor class I/class II
ostta14g02700	Nucleolar protein 12 n/a Nucleolar protein 12
ostta14g02730	n/a unnamed product
ostta14g02770	Ribosomal protein S13
ostta14g02780	P-loop containing nucleoside triphosphate hydrolase
ostta14g02790	unnamed product
ostta14g02880	Yip1 domain n/a Yip1 domain
ostta14g02890	Isopentenyl-diphosphate delta-isomerase, type 1 n/a Isopentenyl-diphosphate detype 1
ostta14g02935	Zinc finger, C2H2-type matrin n/a Zinc finger, C2H2-type matrin
ostta14g02940	Zinc finger, C2H2-type matrin n/a Zinc finger, C2H2-type matrin
ostta14g02945	Ubiquitin-conjugating enzyme, active site n/a Ubiquitin-conjugating enzyme, ac
ostta14g02960	NLI interacting factor
ostta14g02970	Isocitrate/isopropylmalate dehydrogenase, conserved site
ostta14g02980	Ion transport 2
ostta14g03010	BTB/POZ-like
ostta14g03020	PIH
ostta15g00010	G protein-coupled receptor GCR1 putative
ostta15g00045	Ribosomal protein L37ae/L37e n/a Ribosomal protein L37ae/L37e
ostta15g00080	Translocation protein Sec63
ostta15g00150	Nucleoside diphosphate kinase
ostta15g00160	unnamed product
ostta15g00170	Transcription factor TFIIB, conserved site
ostta15g00210	Protein of unknown function DUF4598
ostta15g00220	Putative rRNA methylase
ostta15g00240	unnamed product
ostta15g00290	Domain of unknown function DUF4050
ostta15g00310	Low-density lipoprotein LDL receptor class A repeat
ostta15g00370	unnamed product
ostta15g00375	DNA-binding domain n/a DNA-binding domain n/a DNA-binding domain
ostta15g00450	Ribonuclease II/R
ostta15g00600	unnamed product
ostta15g00630	Nucleoporin Nup120/160
ostta15g00700	n/a unnamed product

ostta15g00800	Nucleotide-binding, alpha-beta plait
ostta15g00810	unnamed product
ostta15g00820	Abscisic acid G-protein coupled receptor-like domain
ostta15g00880	Metal-dependent hydrolase, composite domain
ostta15g00920	JmjC domain
ostta15g00940	Rossmann-like alpha/beta/alpha sandwich fold
ostta15g01060	Basic-leucine zipper domain
ostta15g01075	n/a hypothetical protein
ostta15g01105	Chaperonin-like RbcX n/a Chaperonin-like RbcX
ostta15g01130	Autophagy-related protein 1010
ostta15g01140	Cytochrome b5-like heme/steroid binding domain
ostta15g01160	Ribosomal protein L18/L5
ostta15g01170	Ribosomal protein L9, C-terminal n/a Ribosomal protein L9, C-terminal
ostta15g01180	Ribosomal protein L15, conserved site n/a Ribosomal protein L15, conserved sit
ostta15g01200	Serine/threonine-protein kinase, active site
ostta15g01270	von Willebrand factor, type A n/a von Willebrand factor, type A
ostta15g01330	Major facilitator superfamily domain, general substrate transporter
ostta15g01340	S-formylglutathione hydrolase
ostta15g01350	Alcohol dehydrogenase superfamily, zinc-type
ostta15g01360	TFIIH subunit TTDA/Tfb5
ostta15g01390	unnamed product
ostta15g01440	Basic-leucine zipper domain n/a Basic-leucine zipper domain
ostta15g01460	RNA-induced silencing complex, nuclease component Tudor-SN
ostta15g01540	unnamed product
ostta15g01680	Urease accessory protein UreD
ostta15g01690	[NiFe]-hydrogenase/urease maturation factor, Ni2-binding GTPase
ostta15g01770	Triose-phosphate transporter domain
ostta15g01800	Thiolase-like, subgroup
ostta15g01860	Vacuolar protein sorting-associate protein Vta1/Callose synthase, N-terminal do
ostta15g01900	Tetratricopeptide repeat
ostta15g02010	Ribosomal S24e conserved site
ostta15g02110	Protein of unknown function DUF3429
ostta15g02120	DnaJ domain n/a DnaJ domain

ostta15g02130	Domain of unknown function DUF625 n/a Domain of unknown function DUF625
ostta15g02140	unnamed product
ostta15g02160	Domain of unknown function DUF4033
ostta15g02190	unnamed product
ostta15g02220	EB1, C-terminal
ostta15g02230	Prolyl 4-hydroxylase, alpha subunit n/a Prolyl 4-hydroxylase, alpha subunit
ostta15g02250	Monooxygenase, FAD-binding
ostta15g02270	unnamed product
ostta15g02280	FF domain
ostta15g02290	Ribosomal protein L10/L12 n/a Ribosomal protein L10/L12
ostta15g02325	K Homology domain, type 1 n/a K Homology domain, type 1
ostta15g02330	Transcription initiation factor Rrn7
ostta15g02360	Ribosomal protein S17
ostta15g02390	Rubisco LS methyltransferase, substrate-binding domain
ostta15g02450	ABC transporter, conserved site n/a ABC transporter, conserved site
ostta15g02490	Peroxin-3
ostta15g02500	Patatin/Phospholipase A2-related
ostta15g02570	Nuclear condensin complex subunit 3, C-terminal domain
ostta15g02580	Tetratricopeptide repeat-containing domain
ostta15g02590	unnamed product
ostta15g02630	Ankyrin repeat domain-containing protein 13
ostta15g02650	unnamed product
ostta15g02700	LPS-induced tumor necrosis factor alpha factor
ostta15g02740	WD40 repeat
ostta15g02760	Multiprotein bridging factor 1, N-terminal n/a Multiprotein bridging factor 1,
ostta15g02795	PDZ domain n/a PDZ domain
ostta15g02805	Domain of unknown function DUF1084 n/a Domain of unknown function DUF1084
ostta15g02810	Glutamate 5-kinase n/a Glutamate 5-kinase
ostta15g02840	P-loop containing nucleoside triphosphate hydrolase
ostta15g02860	Protein of unknown function DUF3419
ostta15g02870	Ribosomal protein L24e-related
ostta15g02875	Thioredoxin-like fold n/a Thioredoxin-like fold
ostta16g00070	Ribosomal protein S27e, zinc-binding domain

ostta16g00080	unnamed product
ostta16g00090	Cadherin-like beta sandwich domain
ostta16g00110	unnamed product
ostta16g00190	RmlC-like jelly roll fold n/a RmlC-like jelly roll fold
ostta16g00290	Inorganic pyrophosphatase
ostta16g00340	Lipopolysaccharide-modifying protein
ostta16g00350	Oxoglutarate/iron-dependent dioxygenase
ostta16g00390	Ribonucleoprotein LSM domain, eukaryotic/archaea-type
ostta16g00405	Ribosomal protein L7/L12, C-terminal n/a Ribosomal protein L7/L12, C-terminal
ostta16g00410	unnamed product
ostta16g00530	Ribosomal protein L14b/L23e
ostta16g00540	CAAX amino terminal protease n/a CAAX amino terminal protease n/a CAAX amino se
ostta16g00545	Adaptor protein complex, sigma subunit n/a Adaptor protein complex, sigma subu
ostta16g00620	MRG domain
ostta16g00640	P-loop containing nucleoside triphosphate hydrolase
ostta16g00680	unnamed product
ostta16g00700	Digestive organ expansion factor, predicted
ostta16g00710	Aminotransferases, class-I, pyridoxal-phosphate-binding site
ostta16g00800	Lipopolysaccharide-modifying protein
ostta16g00840	unnamed product
ostta16g00920	EF-Hand 1, calcium-binding site
ostta16g00980	Pseudouridine synthase, RsuA/RluB/C/D/E/F
ostta16g01050	Serine/threonine-protein kinase, active site
ostta16g01070	Origin recognition complex, subunit 3
ostta16g01100	Glucose/ribitol dehydrogenase
ostta16g01140	ABC transporter, conserved site n/a ABC transporter, conserved site
ostta16g01160	Protein of unknown function DUF98
ostta16g01190	Enhancer of polycomb-like, N-terminal
ostta16g01210	NOT2/NOT3/NOT5
ostta16g01230	Histone deacetylase superfamily
ostta16g01255	Plastid lipid-associated protein/fibrillin conserved domain
ostta16g01270	Thiamin pyrophosphokinase, catalytic domain

ostta16g01310	unnamed product
ostta16g01330	Uncharacterised protein family Ycf66
ostta16g01370	Asparagine synthase
ostta16g01380	unnamed product
ostta16g01400	unnamed product
ostta16g01410	Ribosomal protein L4/L1e, eukaryotic/archaeal, conserved site
ostta16g01430	unnamed product
ostta16g01465	n/a hypothetical protein
ostta16g01480	Tetrapyrrole methylase, subdomain 1
ostta16g01520	unnamed product
ostta16g01540	Pyrimidine 5-nucleotidase
ostta16g01570	Rubisco LS methyltransferase, substrate-binding domain
ostta16g01610	Mitochondrial import protein TIM15
ostta16g01640	Leucine-rich repeat n/a Leucine-rich repeat
ostta16g01670	Ribosomal protein L21e, conserved site n/a Ribosomal protein L21e, conserved s
ostta16g01700	Chaperonin Cpn10, conserved site n/a Chaperonin Cpn10, conserved site
ostta16g01730	Ribosomal protein S21e n/a Ribosomal protein S21e n/a Ribosomal protein S21e
ostta16g01740	unnamed product
ostta16g01770	Ribosomal protein L10/L12
ostta16g01790	Mitochondrial substrate/solute carrier
ostta16g01795	Cytochrome c oxidase, subunit VIa n/a Cytochrome c oxidase, subunit VIa
ostta16g01810	GPI inositol-deacylase PGAP1-like
ostta16g01840	unnamed product
ostta16g01870	unnamed product
ostta16g01890	Ribosomal protein S5 domain 2-type fold, subgroup
ostta16g01940	DNA mismatch repair protein MutS-homologue MSH6
ostta16g02015	Cation-transporting P-type ATPase, C-terminal
ostta16g02080	Thiamine pyrophosphate enzyme, C-terminal TPP-binding
ostta16g02110	n/a unnamed product
ostta16g02120	EGF-like, conserved site
ostta16g02130	Concanavalin A-like lectin/glucanases superfamily
ostta16g02160	n/a unnamed product
ostta16g02170	unnamed product

ostta16g02180	Adrenodoxin, iron-sulphur binding site
ostta16g02220	Galactose-binding domain-like
ostta16g02230	Clathrin adaptor, mu subunit, C-terminal
ostta16g02240	Ankyrin repeat n/a Ankyrin repeat
ostta16g02280	Zinc finger, DHHC-type, palmitoyltransferase
ostta16g02330	Double-stranded RNA-binding domain
ostta16g02340	Choline transporter-like n/a Choline transporter-like
ostta16g02390	Zinc finger, C2H2-type matrin
ostta16g02420	TatD family n/a TatD family
ostta16g02460	unnamed product
ostta16g02520	Kelch-type beta propeller
ostta16g02535	Tetratricopeptide repeat n/a Tetratricopeptide repeat
ostta16g02610	NADH:ubiquinone oxidoreductase, 17.2kDa subunit
ostta16g02670	n/a unnamed product
ostta16g02677	n/a hypothetical protein
ostta16g02690	Rieske [2Fe-2S] iron-sulphur domain n/a Rieske [2Fe-2S] iron-sulphur domain
ostta16g02700	unnamed product
ostta17g00067	Histone-fold n/a Histone-fold
ostta17g00200	Molybdopterin biosynthesis MoaE
ostta17g00210	Pseudouridine synthase, RsuA/RluB/E/F, conserved site
ostta17g00230	unnamed product
ostta17g00300	Alcohol dehydrogenase superfamily, zinc-type
ostta17g00360	Ribosomal protein L27
ostta17g00380	Ankyrin repeat
ostta17g00390	Pseudouridine synthase, RluC/RluD, conserved site
ostta17g00440	unnamed product
ostta17g00460	Ankyrin repeat
ostta17g00470	UAA transporter
ostta17g00500	Pentatricopeptide repeat
ostta17g00510	Arsenite methyltransferase
ostta17g00560	Serine/threonine-protein kinase, active site
ostta17g00660	unnamed product
ostta17g00690	WD40 repeat

ostta17g00730	unnamed product
ostta17g00750	unnamed product
ostta17g00790	Drug/metabolite transporter n/a Drug/metabolite transporter
ostta17g00800	HSP20-like chaperone n/a HSP20-like chaperone
ostta17g00820	Ribosomal protein, zinc-binding domain n/a Ribosomal protein, zinc-binding dom
ostta17g00920	unnamed product
ostta17g00960	Like-Sm LSM domain
ostta17g00970	4Fe-4S ferredoxin, iron-sulphur binding, conserved site
ostta17g01010	6-phosphogluconolactonase, DevB-type
ostta17g01035	Cytochrome c-like domain n/a Cytochrome c-like domain
ostta17g01050	unnamed product
ostta17g01060	PUB domain
ostta17g01110	Nucleotide-binding, alpha-beta plait
ostta17g01140	unnamed product
ostta17g01220	Tetratricopeptide repeat
ostta17g01260	unnamed product
ostta17g01270	Ribosomal protein S4e
ostta17g01280	Transaldolase
ostta17g01320	unnamed product
ostta17g01350	Ribosomal protein S5, N-terminal, conserved site n/a Ribosomal protein S5, N-tved site
ostta17g01355	n/a hypothetical protein
ostta17g01365	n/a hypothetical protein
ostta17g01370	Small GTPase superfamily, ARF/SAR type
ostta17g01390	Clp protease proteolytic subunit /Translocation-enhancing protein TepA
ostta17g01520	DnaJ domain
ostta17g01560	unnamed product
ostta17g01570	Thioredoxin-like fold
ostta17g01580	unnamed product
ostta17g01640	IKI3
ostta17g01710	Cyclophilin-like peptidyl-prolyl cis-trans isomerase domain
ostta17g01720	Zinc finger, C3HC-like
ostta17g01740	unnamed product
ostta17g01790	unnamed product

ostta17g01800	Quinolinate synthetase A
ostta17g01870	Ribosomal protein L30e
ostta17g01880	Alpha/beta hydrolase fold-1
ostta17g01890	Zinc finger, RING/FYVE/PHD-type n/a Zinc finger, RING/FYVE/PHD-type
ostta17g01900	Domain of unknown function DUF4200
ostta17g02007	Ankyrin repeat n/a Ankyrin repeat
ostta17g02010	Fatty acid desaturase, type 1
ostta17g02020	DNA methylase, N-6 adenine-specific, conserved site
ostta17g02030	Heat shock protein 70 family n/a Heat shock protein 70 family
ostta17g02075	Plant specific eukaryotic initiation factor 4B n/a Plant specific eukaryotic ir 4B
ostta17g02100	unnamed product
ostta17g02230	Protein of unknown function DUF3411, plant
ostta17g02250	Protein of unknown function DUF819
ostta17g02270	Dynein light chain-related n/a Dynein light chain-related
ostta17g02290	Ribose 5-phosphate isomerase, type A
ostta17g02305	DeoxyUTP pyrophosphatase n/a DeoxyUTP pyrophosphatase
ostta17g02350	Alpha-hydroxy acid dehydrogenase, FMN-dependent
ostta17g02390	Plastid lipid-associated protein/fibrillin conserved domain
ostta17g02400	unnamed product
ostta18g00040	RmlC-like jelly roll fold
ostta18g00100	Tryptophan/tyrosine permease
ostta18g00170	Zinc finger, CCCH-type
ostta18g00190	unnamed product
ostta18g00235	n/a hypothetical protein
ostta18g00245	Magnesium-dependent phosphatase-1, eukaryotic/arcaheal type
ostta18g00320	RAP domain n/a RAP domain
ostta18g00330	n/a unnamed product
ostta18g00350	unnamed product
ostta18g00380	Domain of unknown function DUF262
ostta18g00430	K Homology domain, type 1
ostta18g00470	unnamed product
ostta18g00480	Phenylalanyl-tRNA synthetase, class IIc, beta subunit, archae/euk cytosolic
ostta18g00540	unnamed product

ostta18g00600	WASH complex, subunit CCDC53
ostta18g00640	unnamed product
ostta18g00650	n/a unnamed product
ostta18g00660	Pentapeptide repeat
ostta18g00680	Pseudouridine synthase I, TruA
ostta18g00720	EF-Hand 1, calcium-binding site
ostta18g00760	NYN domain, limkain-b1-type n/a NYN domain, limkain-b1-type
ostta18g00780	Protein of unknown function DUF2037
ostta18g00790	Uncharacterised protein family UPF0172
ostta18g00810	Membrane bound O-acyl transferase, MBOAT
ostta18g00870	unnamed product
ostta18g00900	Glutamine amidotransferase
ostta18g01040	P-loop containing nucleoside triphosphate hydrolase
ostta18g01050	Zinc finger, RING/FYVE/PHD-type
ostta18g01080	Ion transport 2
ostta18g01270	unnamed product
ostta18g01310	ABC transporter, conserved site n/a ABC transporter, conserved site
ostta18g01320	Fumarate lyase n/a Fumarate lyase
ostta18g01330	TPM domain
ostta18g01380	Phosphopantetheine attachment site n/a Phosphopantetheine attachment site
ostta18g01450	Bd3614-like deaminase N-terminal domain
ostta18g01500	Leucine carboxyl methyltransferase n/a Leucine carboxyl methyltransferase
ostta18g01530	unnamed product
ostta18g01670	unnamed product
ostta18g01740	Ribosomal protein S21
ostta18g01900	unnamed product
ostta18g01910	FMN-binding split barrel
ostta18g01930	Cytochrome b5-like heme/steroid binding domain
ostta19g00030	Bacterial surface protein 26-residue repeat n/a Bacterial surface protein 26-r
ostta19g00070	Rhamnan synthesis F
ostta19g00080	unnamed product
ostta19g00090	unnamed product
ostta19g00100	unnamed product
ostta19g00110	NAD-dependent epimerase/dehydratase

ostta19g00120	unnamed product
ostta19g00220	unnamed product
ostta19g00230	Alpha 1,4-glycosyltransferase domain
ostta19g00350	Methyltransferase domain
ostta19g00400	Triose-phosphate transporter domain
ostta19g00450	Leucine-rich repeat
ostta19g00520	Polyketide cyclase SnoaL-like domain
ostta19g00550	unnamed product
ostta19g00580	unnamed product
ostta19g00590	unnamed product
ostta19g00600	Domain of unknown function DUF23
ostta19g00610	Cytidine monophosphate-N-acetylneuraminic acid hydroxylase
ostta19g00620	unnamed product
ostta19g00630	Galactosyl transferase
ostta19g00640	unnamed product
ostta19g00650	unnamed product
ostta20g00100	Glycoside hydrolase, catalytic domain
ostta20g00130	Ribosomal protein S3Ae
ostta20g00180	Serine/threonine-protein kinase, active site
ostta20g00380	Acyl-CoA N-acyltransferase
ostta20g00390	unnamed product
ostta20g00420	Thioredoxin-like fold
ostta20g00450	unnamed product
ostta20g00500	Major facilitator superfamily domain, general substrate transporter
ostta20g00510	Pyridine nucleotide-disulphide oxidoreductase, FAD/NADP-binding domain
ostta20g00600	Pseudouridine synthase I, TruA
ostta20g00660	unnamed product
ostta20g00670	unnamed product
ostta20g00690	unnamed product
ostta20g00770	Histone deacetylase superfamily
ostta20g00810	Leucine-rich repeat
ostta20g00850	High mobility group, HMG-I/HMG-Y
ostta20g00870	Tetratricopeptide repeat
ostta20g00960	unnamed product

