

***Appendix 3: List of genes that has been identified as rhythmic by RAIN package only under LD, losing their rhythmicity under both free-running conditions.***

<b>GeneID</b>	<b>Annotation</b>
<b>ostta01g00030</b>	unnamed product
<b>ostta01g00040</b>	Malic enzyme, NAD-binding
<b>ostta01g00080</b>	unnamed product
<b>ostta01g00100</b>	Exonuclease, RNase T/DNA polymerase III
<b>ostta01g00240</b>	FAD linked oxidase, N-terminal
<b>ostta01g00250</b>	Inositol polyphosphate kinase
<b>ostta01g00380</b>	Transcription factor IIIC, 90kDa subunit, N-terminal
<b>ostta01g00450</b>	unnamed product
<b>ostta01g00460</b>	WD40/YVTN repeat-like-containing domain
<b>ostta01g00480</b>	Translation elongation/initiation factor/Ribosomal, beta-barrel
<b>ostta01g00485</b>	Translation elongation/initiation factor/Ribosomal, beta-barrel
<b>ostta01g00510</b>	unnamed product
<b>ostta01g00590</b>	Aldo/keto reductase, conserved site
<b>ostta01g00620</b>	Polyphosphate kinase
<b>ostta01g00800</b>	Short-chain dehydrogenase/reductase SDR
<b>ostta01g00850</b>	Lamin Tail Domain
<b>ostta01g00890</b>	Cation-transporting P-type ATPase, C-terminal
<b>ostta01g00930</b>	Chloramphenicol acetyltransferase-like domain
<b>ostta01g00960</b>	unnamed product
<b>ostta01g00980</b>	Pyrophosphate-energised proton pump
<b>ostta01g01020</b>	Plectin/S10, N-terminal
<b>ostta01g01080</b>	Mediator complex, subunit Med4
<b>ostta01g01085</b>	Translocon-associated protein subunit beta
<b>ostta01g01160</b>	Radical SAM
<b>ostta01g01200</b>	unnamed product
<b>ostta01g01260</b>	unnamed product
<b>ostta01g01270</b>	DNA repair protein Rad50, eukaryotes
<b>ostta01g01330</b>	unnamed product
<b>ostta01g01380</b>	Cation efflux protein
<b>ostta01g01460</b>	Glutamyl/glutaminyl-tRNA synthetase, class Ib, anti-codon binding domain

<b>ostta01g01480</b>	Zinc finger, RING/FYVE/PHD-type
<b>ostta01g01500</b>	Enolase, N-terminal
<b>ostta01g01510</b>	HAD-superfamily hydrolase, subfamily IIB
<b>ostta01g01530</b>	UDP-glucose:Glycoprotein Glucosyltransferase
<b>ostta01g01610</b>	unnamed product
<b>ostta01g01620</b>	unnamed product
<b>ostta01g01650</b>	Major facilitator superfamily domain, general substrate transporter
<b>ostta01g01710</b>	unnamed product
<b>ostta01g01800</b>	Sec-independent protein translocase protein TatA/E
<b>ostta01g01850</b>	Carotenoid oxygenase
<b>ostta01g01855</b>	Tocopherol cyclase
<b>ostta01g01890</b>	Forkhead-associated FHA domain
<b>ostta01g01930</b>	unnamed product
<b>ostta01g02000</b>	Ketopantoate reductase ApbA/PanE, N-terminal
<b>ostta01g02010</b>	Protein phosphatase 2C
<b>ostta01g02050</b>	Endoplasmic reticulum vesicle transporter, C-terminal
<b>ostta01g02060</b>	unnamed product
<b>ostta01g02070</b>	Sushi/SCR/CCP
<b>ostta01g02200</b>	unnamed product
<b>ostta01g02230</b>	unnamed product
<b>ostta01g02370</b>	Vacuolar protein sorting-associated protein 26
<b>ostta01g02380</b>	Transcription elongation factor 1
<b>ostta01g02440</b>	Alpha,alpha-trehalose-phosphate synthase
<b>ostta01g02540</b>	unnamed product
<b>ostta01g02580</b>	DNA replication licensing factor Mcm6
<b>ostta01g02600</b>	unnamed product
<b>ostta01g02610</b>	Mini-chromosome maintenance complex-binding protein
<b>ostta01g02630</b>	Phosphatidylinositol-glycan biosynthesis class S protein
<b>ostta01g02660</b>	unnamed product
<b>ostta01g02730</b>	HAD-superfamily hydrolase, subfamily IIB
<b>ostta01g02760</b>	Carbohydrate binding module family 20
<b>ostta01g02770</b>	Isochorismatase-like
<b>ostta01g02800</b>	unnamed product
<b>ostta01g02820</b>	unnamed product

<b>ostta01g02830</b>	E3 UFM1-protein ligase 1
<b>ostta01g02880</b>	unnamed product
<b>ostta01g02890</b>	HAD-superfamily hydrolase, subfamily IIID
<b>ostta01g02940</b>	Peptidoglycan binding-like
<b>ostta01g02950</b>	Leucine-rich repeat
<b>ostta01g02970</b>	Histone-fold
<b>ostta01g03120</b>	Nicotinate phosphoribosyltransferase-like
<b>ostta01g03230</b>	Mog1/PsbP, alpha/beta/alpha sandwich
<b>ostta01g03260</b>	Nuclear control of ATP synthase 2
<b>ostta01g03300</b>	Rieske [2Fe-2S] iron-sulphur domain
<b>ostta01g03310</b>	EF-Hand 1, calcium-binding site
<b>ostta01g03400</b>	unnamed product
<b>ostta01g03420</b>	Pyrophosphate-energised proton pump
<b>ostta01g03530</b>	Mitochondrial substrate/solute carrier
<b>ostta01g03540</b>	Sterile alpha motif, type 1
<b>ostta01g03550</b>	unnamed product
<b>ostta01g03570</b>	MIF4-like, type 1/2/3
<b>ostta01g03580</b>	Nucleotide-binding, alpha-beta plait
<b>ostta01g03610</b>	Immunoglobulin-like fold
<b>ostta01g03660</b>	Metridin-like ShK toxin
<b>ostta01g03750</b>	HSP20-like chaperone
<b>ostta01g03760</b>	ATPase, AAA-type, CDC48
<b>ostta01g03770</b>	ATPase, F1 complex, gamma subunit conserved site
<b>ostta01g03790</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta01g03860</b>	Mitochondrial substrate/solute carrier
<b>ostta01g03910</b>	EF-Hand 1, calcium-binding site
<b>ostta01g03970</b>	Paired amphipathic helix
<b>ostta01g03990</b>	Peptidyl-prolyl cis-trans isomerase, FKBP-type, domain
<b>ostta01g04040</b>	unnamed product
<b>ostta01g04110</b>	SWAP/Surp
<b>ostta01g04170</b>	Domain of unknown function DUF1995
<b>ostta01g04190</b>	Quinonprotein alcohol dehydrogenase-like superfamily
<b>ostta01g04270</b>	Serine/threonine-protein kinase, active site
<b>ostta01g04300</b>	Two pore domain potassium channel domain

<b>ostta01g04310</b>	Taxilin family
<b>ostta01g04320</b>	Tubulin/FtsZ, 2-layer sandwich domain
<b>ostta01g04330</b>	Thioredoxin-like fold
<b>ostta01g04340</b>	Glutamyl-tRNA synthetase, class Ib, archaeal/eukaryotic cytosolic
<b>ostta01g04370</b>	Inositol-pentakisphosphate 2-kinase
<b>ostta01g04420</b>	unnamed product
<b>ostta01g04520</b>	Protein of unknown function DUF3752
<b>ostta01g04540</b>	unnamed product
<b>ostta01g04585</b>	hypothetical protein
<b>ostta01g04600</b>	ABC transporter, conserved site
<b>ostta01g04670</b>	unnamed product
<b>ostta01g04680</b>	Tetratricopeptide repeat
<b>ostta01g04690</b>	unnamed product
<b>ostta01g04740</b>	Helix-hairpin-helix motif, class 2
<b>ostta01g04750</b>	unnamed product
<b>ostta01g04770</b>	Zinc finger, LSD1-type
<b>ostta01g04780</b>	unnamed product
<b>ostta01g04790</b>	STAG
<b>ostta01g04850</b>	RNA polymerase II-associated, Paf1
<b>ostta01g04900</b>	Peptidase C1A, papain C-terminal
<b>ostta01g04960</b>	unnamed product
<b>ostta01g05120</b>	Nucleoporin Nup54, alpha-helical domain
<b>ostta01g05150</b>	HCaRG
<b>ostta01g05270</b>	unnamed product
<b>ostta01g05310</b>	unnamed product
<b>ostta01g05440</b>	Armadillo-type fold
<b>ostta01g05460</b>	Transcription factor TFIIIE, alpha subunit
<b>ostta01g05510</b>	EGF-like, conserved site
<b>ostta01g05520</b>	Thioredoxin-like fold
<b>ostta01g05540</b>	NADH:ubiquinone oxidoreductase, B18 subunit
<b>ostta01g05590</b>	Na <sup>+</sup> /H <sup>+</sup> exchanger, isoforms 7/8
<b>ostta01g05630</b>	Helicase, C-terminal
<b>ostta01g05720</b>	unnamed product
<b>ostta01g05780</b>	Conserved oligomeric Golgi complex subunit 8

<b>ostta01g05790</b>	unnamed product
<b>ostta01g05810</b>	Frizzled domain
<b>ostta01g05870</b>	N-terminal acetyltransferase A, auxiliary subunit
<b>ostta01g05890</b>	Short-chain dehydrogenase/reductase SDR
<b>ostta01g05970</b>	Anamorsin
<b>ostta01g05980</b>	Mog1/PsbP, alpha/beta/alpha sandwich
<b>ostta01g06050</b>	SANT/Myb domain
<b>ostta01g06130</b>	Tetratricopeptide repeat
<b>ostta01g06140</b>	AMP-dependent synthetase/ligase
<b>ostta01g06190</b>	unnamed product
<b>ostta01g06250</b>	RmlC-like jelly roll fold
<b>ostta01g06370</b>	unnamed product
<b>ostta01g06500</b>	UAA transporter
<b>ostta01g06545</b>	hypothetical protein
<b>ostta01g06600</b>	unnamed product
<b>ostta01g06680</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta02g00080</b>	unnamed product
<b>ostta02g00085</b>	hypothetical protein
<b>ostta02g00110</b>	Proteasome A-type subunit
<b>ostta02g00130</b>	Pyridine nucleotide-disulphide oxidoreductase, class I, active site
<b>ostta02g00150</b>	Cyclin A/B/D/E
<b>ostta02g00160</b>	Polyketide synthase, KR
<b>ostta02g00250</b>	Ribosomal protein L24e, conserved site
<b>ostta02g00260</b>	Thiolase-like, subgroup
<b>ostta02g00270</b>	THO complex, subunitTHOC2, N-terminal
<b>ostta02g00275</b>	DDE superfamily endonuclease, CENP-B-like
<b>ostta02g00330</b>	unnamed product
<b>ostta02g00360</b>	ATPase, AAA-type, CDC48
<b>ostta02g00370</b>	Signal recognition particle, SRP54 subunit, helical bundle
<b>ostta02g00390</b>	Nucleoporin, NSP1-like, C-terminal n/a Nucleoporin, NSP1-like, C-terminal
<b>ostta02g00430</b>	BOP1, N-terminal domain
<b>ostta02g00540</b>	Ureidoglycolate hydrolase
<b>ostta02g00562</b>	Translation initiation factor IF6
<b>ostta02g00610</b>	ATPase, F1 complex beta subunit/V1 complex, C-terminal

<b>ostta02g00630</b>	Nucleotide-binding, alpha-beta plait
<b>ostta02g00660</b>	unnamed product
<b>ostta02g00680</b>	Protein of unknown function DUF947
<b>ostta02g00700</b>	unnamed product
<b>ostta02g00770</b>	unnamed product
<b>ostta02g00820</b>	unnamed product
<b>ostta02g00840</b>	Glucokinase n/a Glucokinase
<b>ostta02g00870</b>	Oxoglutarate/iron-dependent dioxygenase
<b>ostta02g00910</b>	unnamed product
<b>ostta02g00970</b>	Peptidase C50, separase
<b>ostta02g01020</b>	Heat shock protein 70 family
<b>ostta02g01130</b>	SNF2-related
<b>ostta02g01160</b>	SKI-interacting protein SKIP, SNW domain
<b>ostta02g01310</b>	unnamed product
<b>ostta02g01410</b>	Mog1/PsbP, alpha/beta/alpha sandwich
<b>ostta02g01430</b>	RNA cap guanine-N2 methyltransferase
<b>ostta02g01440</b>	Protein kinase-like domain
<b>ostta02g01480</b>	Histone-fold
<b>ostta02g01490</b>	Small GTPase superfamily, Rab type
<b>ostta02g01520</b>	Tubulin/FtsZ, 2-layer sandwich domain
<b>ostta02g01530</b>	Bromodomain transcription factor
<b>ostta02g01580</b>	unnamed product
<b>ostta02g01610</b>	Cation/H <sup>+</sup> exchanger
<b>ostta02g01630</b>	unnamed product
<b>ostta02g01670</b>	unnamed product
<b>ostta02g01720</b>	unnamed product
<b>ostta02g01860</b>	HEAT repeat associated with sister chromatid cohesion protein
<b>ostta02g01900</b>	Phosphatidylinositol 3-/4-kinase, catalytic domain
<b>ostta02g01930</b>	Diacylglycerol glucosyltransferase, N-terminal
<b>ostta02g01990</b>	Phosphopantetheine attachment site
<b>ostta02g02050</b>	unnamed product
<b>ostta02g02067</b>	DDE superfamily endonuclease, CENP-B-like
<b>ostta02g02080</b>	unnamed product
<b>ostta02g02110</b>	Armadillo-type fold

<b>ostta02g02130</b>	Ubiquitin-conjugating enzyme/RWD-like
<b>ostta02g02150</b>	RmlC-like jelly roll fold
<b>ostta02g02260</b>	Homeobox domain
<b>ostta02g02300</b>	Nitric oxide synthase, oxygenase domain
<b>ostta02g02330</b>	Protein phosphatase 2C
<b>ostta02g02340</b>	Rossmann-like alpha/beta/alpha sandwich fold
<b>ostta02g02355</b>	Transposase, Tc1-like
<b>ostta02g02400</b>	ATPase, V0 complex, subunit d
<b>ostta02g02460</b>	Phosphate transporter
<b>ostta02g02477</b>	hypothetical protein
<b>ostta02g02520</b>	Ketopantoate hydroxymethyltransferase
<b>ostta02g02550</b>	Cyclin, N-terminal
<b>ostta02g02600</b>	unnamed product
<b>ostta02g02610</b>	Integrase, catalytic core
<b>ostta02g02660</b>	unnamed product
<b>ostta02g02710</b>	UbiA prenyltransferase family
<b>ostta02g02715</b>	hypothetical protein n/a hypothetical protein
<b>ostta02g02720</b>	Oxidoreductase FAD/NADP-binding
<b>ostta02g02730</b>	Bestrophin/UPF0187
<b>ostta02g02820</b>	Mog1/PsbP, alpha/beta/alpha sandwich
<b>ostta02g02840</b>	Acyl-CoA N-acyltransferase
<b>ostta02g02940</b>	unnamed product
<b>ostta02g03020</b>	Cold-shock protein, DNA-binding
<b>ostta02g03060</b>	Protein of unknown function UPF0301
<b>ostta02g03080</b>	M-phase inducer phosphatase
<b>ostta02g03160</b>	Cdc37, C-terminal
<b>ostta02g03240</b>	unnamed product
<b>ostta02g03370</b>	RmlC-like jelly roll fold
<b>ostta02g03380</b>	Major facilitator superfamily domain, general substrate transporter
<b>ostta02g03400</b>	Ferritin-like superfamily
<b>ostta02g03420</b>	Serine/threonine- / dual specificity protein kinase, catalytic domain
<b>ostta02g03450</b>	WD40 repeat
<b>ostta02g03500</b>	Translation elongation/initiation factor/Ribosomal, beta-barrel
<b>ostta02g03510</b>	unnamed product

<b>ostta02g03550</b>	ATP-NAD kinase, PpnK-type, all-beta
<b>ostta02g03570</b>	Prenyltransferase/squalene oxidase
<b>ostta02g03670</b>	SNF2-related
<b>ostta02g03690</b>	unnamed product
<b>ostta02g03720</b>	Serine/threonine-protein kinase, active site
<b>ostta02g03730</b>	unnamed product
<b>ostta02g03800</b>	Myosin tail 2
<b>ostta02g03910</b>	Armadillo-type fold
<b>ostta02g03930</b>	unnamed product
<b>ostta02g03955</b>	hypothetical protein
<b>ostta02g03957</b>	Protein-tyrosine phosphatase, active site
<b>ostta02g03960</b>	Protein-tyrosine phosphatase, active site
<b>ostta02g03980</b>	Diaminopimelate epimerase, active site
<b>ostta02g04070</b>	ABC transporter, conserved site
<b>ostta02g04080</b>	Armadillo-type fold
<b>ostta02g04100</b>	ATP-grasp fold, subdomain 2
<b>ostta02g04170</b>	Formate C-acetyltransferase glycine radical, conserved site
<b>ostta02g04180</b>	UBA-like
<b>ostta02g04190</b>	Ankyrin repeat-containing domain
<b>ostta02g04210</b>	Ankyrin repeat-containing domain
<b>ostta02g04320</b>	Synaptobrevin
<b>ostta02g04325</b>	Magnesium-dependent phosphatase-1, eukaryotic/arcaheal type
<b>ostta02g04330</b>	Magnesium-dependent phosphatase-1, eukaryotic/arcaheal type
<b>ostta02g04360</b>	Pyruvate, phosphate dikinase
<b>ostta02g04450</b>	NADP-binding domain
<b>ostta02g04520</b>	unnamed product
<b>ostta02g04700</b>	Plastid lipid-associated protein/fibrillin conserved domain
<b>ostta02g04740</b>	Lipopolysaccharide-modifying protein
<b>ostta02g04860</b>	Cobalamin vitamin B12 biosynthesis CobW-like, C-terminal
<b>ostta02g04870</b>	Pseudouridine synthase, RluC/RluD, conserved site
<b>ostta02g04890</b>	Chloride channel, voltage gated
<b>ostta02g04970</b>	Glyoxalase-like domain
<b>ostta02g04980</b>	Mog1/PsbP, alpha/beta/alpha sandwich
<b>ostta02g05050</b>	unnamed product



<b>ostta02g05110</b>	Zinc finger, DPH-type
<b>ostta02g05160</b>	Fumarylacetoacetase, C-terminal
<b>ostta02g05180</b>	unnamed product
<b>ostta02g05220</b>	unnamed product
<b>ostta02g05240</b>	Structure-specific recognition protein
<b>ostta02g05260</b>	unnamed product
<b>ostta02g05300</b>	unnamed product
<b>ostta02g05330</b>	Methyltransferase FkbM
<b>ostta02g05400</b>	Ribonucleoprotein LSM domain, eukaryotic/archaea-type
<b>ostta02g05430</b>	unnamed product
<b>ostta02g05460</b>	unnamed product
<b>ostta03g00010</b>	unnamed product
<b>ostta03g00020</b>	Paraquat-inducible protein A n/a Paraquat-inducible protein A
<b>ostta03g00120</b>	Nucleotide-diphospho-sugar transferase
<b>ostta03g00140</b>	Oxysterol-binding protein
<b>ostta03g00210</b>	unnamed product
<b>ostta03g00290</b>	Arfaptin homology AH domain/BAR domain
<b>ostta03g00390</b>	unnamed product
<b>ostta03g00410</b>	Drug/metabolite transporter
<b>ostta03g00430</b>	Thioredoxin-like fold
<b>ostta03g00450</b>	Dimeric alpha-beta barrel
<b>ostta03g00470</b>	unnamed product
<b>ostta03g00530</b>	unnamed product
<b>ostta03g00630</b>	unnamed product
<b>ostta03g00750</b>	Rubisco LS methyltransferase, substrate-binding domain
<b>ostta03g00800</b>	Thioesterase superfamily
<b>ostta03g00880</b>	Prenyltransferase/squalene oxidase
<b>ostta03g00920</b>	Serine hydroxymethyltransferase
<b>ostta03g01000</b>	Beta-lactamase-like
<b>ostta03g01070</b>	DNA-directed RNA polymerase Rpb11, 13-16kDa subunit, conserved site
<b>ostta03g01080</b>	Chaperonin-like RbcX
<b>ostta03g01150</b>	26S proteasome subunit P45
<b>ostta03g01190</b>	K Homology domain, type 1
<b>ostta03g01240</b>	unnamed product

<b>ostta03g01300</b>	Tetratricopeptide repeat
<b>ostta03g01370</b>	Alcohol dehydrogenase superfamily, zinc-type
<b>ostta03g01390</b>	unnamed product
<b>ostta03g01470</b>	Chaperonin TCP-1, conserved site
<b>ostta03g01550</b>	unnamed product
<b>ostta03g01560</b>	Histidine triad HIT protein
<b>ostta03g01570</b>	Domain of unknown function DUF292, eukaryotic
<b>ostta03g01580</b>	FAD-dependent glycerol-3-phosphate dehydrogenase
<b>ostta03g01620</b>	unnamed product
<b>ostta03g01630</b>	Concanavalin A-like lectin/glucanase, subgroup
<b>ostta03g01690</b>	Tetratricopeptide repeat
<b>ostta03g01780</b>	DNA topoisomerase, type IIA, conserved site
<b>ostta03g01790</b>	unnamed product
<b>ostta03g01800</b>	ACN9
<b>ostta03g01870</b>	Domain of unknown function DUF1995
<b>ostta03g01930</b>	DnaJ domain, conserved site
<b>ostta03g01950</b>	Adipose-regulatory protein, Seipin
<b>ostta03g01960</b>	Defective-in-cullin neddylation protein
<b>ostta03g02090</b>	Major royal jelly-related
<b>ostta03g02180</b>	Conserved oligomeric Golgi complex, subunit 2, N-terminal
<b>ostta03g02240</b>	YHYH domain
<b>ostta03g02290</b>	HSP20-like chaperone
<b>ostta03g02400</b>	Kinetochore protein Nuf2
<b>ostta03g02540</b>	RNA-recognition motif RRM Nup35-type domain
<b>ostta03g02560</b>	Zinc finger, CHCC-type
<b>ostta03g02680</b>	Peptidase S54, rhomboid domain
<b>ostta03g02690</b>	unnamed product
<b>ostta03g02730</b>	Cation efflux protein
<b>ostta03g02750</b>	Zinc finger, CCCH-type
<b>ostta03g02970</b>	Vacuolar H <sup>+</sup> -ATPase G subunit
<b>ostta03g03030</b>	Histidine phosphatase superfamily, clade-2
<b>ostta03g03080</b>	3-oxo-5- $\alpha$ -steroid 4-dehydrogenase, C-terminal
<b>ostta03g03100</b>	GTP-binding protein Obg/CgtA
<b>ostta03g03180</b>	Glycoside hydrolase, catalytic domain n/a Glycoside hydrolase, catalytic domain hydrolase

<b>ostta03g03200</b>	Peptidase C48, SUMO/Sentrin/Ubl1
<b>ostta03g03210</b>	Permease, cytosine/purines, uracil, thiamine, allantoin
<b>ostta03g03250</b>	Sybindin-like protein
<b>ostta03g03310</b>	unnamed product
<b>ostta03g03340</b>	Cyclophilin-type peptidyl-prolyl cis-trans isomerase, conserved site
<b>ostta03g03350</b>	Tetratricopeptide-like helical
<b>ostta03g03480</b>	BRCT domain
<b>ostta03g03520</b>	T-complex protein 1, theta subunit
<b>ostta03g03530</b>	unnamed product
<b>ostta03g03550</b>	Leucine-rich repeat, ribonuclease inhibitor subtype
<b>ostta03g03560</b>	unnamed product
<b>ostta03g03590</b>	HSP40/DnaJ peptide-binding
<b>ostta03g03600</b>	DEK, C-terminal
<b>ostta03g03700</b>	Six-bladed beta-propeller, TolB-like
<b>ostta03g03730</b>	DNA-binding domain
<b>ostta03g03780</b>	Structural maintenance of chromosomes protein
<b>ostta03g03810</b>	unnamed product
<b>ostta03g03840</b>	unnamed product
<b>ostta03g03910</b>	Phosphoglycerate/bisphosphoglycerate mutase, active site
<b>ostta03g03940</b>	Nucleotide-binding, alpha-beta plait
<b>ostta03g03950</b>	Nucleotide sugar epimerase
<b>ostta03g04025</b>	hypothetical protein
<b>ostta03g04030</b>	Zinc finger, CCHC-type
<b>ostta03g04040</b>	Rab-GTPase-TBC domain
<b>ostta03g04180</b>	TB2/DP1/HVA22-related protein
<b>ostta03g04200</b>	ARP2/3 complex, 34kDa subunit p34-Arc
<b>ostta03g04210</b>	Ubiquitin supergroup
<b>ostta03g04220</b>	Histone acetyl transferase HAT1 N-terminal
<b>ostta03g04280</b>	Eukaryotic porin/Tom40
<b>ostta03g04320</b>	Mitochondrial substrate/solute carrier n/a Mitochondrial substrate/solute carrondrial substr
<b>ostta03g04370</b>	BRCT domain
<b>ostta03g04400</b>	Uncharacterised protein GYD
<b>ostta03g04420</b>	unnamed product
<b>ostta03g04590</b>	Helicase, C-terminal

<b>ostta03g04640</b>	DREV methyltransferase
<b>ostta03g04720</b>	Short-chain dehydrogenase/reductase SDR
<b>ostta03g04740</b>	Tetratricopeptide repeat
<b>ostta03g04850</b>	unnamed product
<b>ostta03g04870</b>	GOLD
<b>ostta03g04930</b>	Rubisco LS methyltransferase, substrate-binding domain
<b>ostta03g04940</b>	Nucleotide-binding, alpha-beta plait
<b>ostta03g04970</b>	tRNA guanine26-N2-dimethyltransferase
<b>ostta03g05030</b>	Nucleotide-diphospho-sugar transferase
<b>ostta03g05050</b>	FAD dependent oxidoreductase
<b>ostta03g05060</b>	TAP42-like protein
<b>ostta03g05070</b>	unnamed product
<b>ostta03g05170</b>	Peptidase M3B, oligopeptidase F, N-terminal
<b>ostta03g05230</b>	Acyl-CoA N-acyltransferase
<b>ostta03g05280</b>	Domain of unknown function DUF1995
<b>ostta03g05390</b>	Translocation protein Sec63
<b>ostta03g05460</b>	unnamed product
<b>ostta03g05520</b>	unnamed product
<b>ostta03g05570</b>	NADP-binding domain
<b>ostta03g05600</b>	Oxoglutarate/iron-dependent dioxygenase
<b>ostta03g05675</b>	hypothetical protein
<b>ostta03g05810</b>	DNA repair nuclease, XPF-type/Helicase
<b>ostta03g05820</b>	unnamed product
<b>ostta03g05885</b>	SET domain
<b>ostta03g05900</b>	Uncharacterised protein family Ycf20
<b>ostta03g05930</b>	NADP-binding domain
<b>ostta03g05970</b>	ATPase, vacuolar ER assembly factor, Vma12
<b>ostta03g06000</b>	Transposase IS605, OrfB, C-terminal
<b>ostta03g06030</b>	unnamed product
<b>ostta04g00040</b>	Pre-mRNA-processing protein PRP40
<b>ostta04g00060</b>	Peptidase C54
<b>ostta04g00080</b>	unnamed product
<b>ostta04g00150</b>	P25-alpha
<b>ostta04g00250</b>	Zinc finger, DHHC-type, palmitoyltransferase

<b>ostta04g00260</b>	ADF/Cofilin/Destrin
<b>ostta04g00300</b>	Tryptophan synthase, alpha chain
<b>ostta04g00310</b>	unnamed product
<b>ostta04g00365</b>	Thioredoxin-like fold
<b>ostta04g00380</b>	Pyrophosphate-dependent phosphofructokinase TP0108
<b>ostta04g00420</b>	HSP20-like chaperone
<b>ostta04g00450</b>	Mini-chromosome maintenance, DNA-dependent ATPase
<b>ostta04g00500</b>	C2 calcium-dependent membrane targeting
<b>ostta04g00540</b>	unnamed product
<b>ostta04g00590</b>	Surfeit locus 1/Shy1
<b>ostta04g00670</b>	unnamed product
<b>ostta04g00860</b>	Glucose-6-phosphate 1-epimerase
<b>ostta04g00870</b>	Metalloenzyme, LuxS/M16 peptidase-like
<b>ostta04g00900</b>	Multi antimicrobial extrusion protein
<b>ostta04g01010</b>	UBA-like
<b>ostta04g01140</b>	Nucleoside phosphatase GDA1/CD39
<b>ostta04g01150</b>	unnamed product
<b>ostta04g01160</b>	unnamed product
<b>ostta04g01180</b>	Type I phosphodiesterase/nucleotide pyrophosphatase/phosphate transferase
<b>ostta04g01190</b>	RED-like, N-terminal
<b>ostta04g01250</b>	Tetratricopeptide repeat
<b>ostta04g01260</b>	Dolichol phosphate-mannose biosynthesis regulatory
<b>ostta04g01290</b>	OB-fold nucleic acid binding domain, AA-tRNA synthetase-type
<b>ostta04g01300</b>	Insulin-like growth factor binding protein, N-terminal
<b>ostta04g01440</b>	NADH:ubiquinone oxidoreductase, ESSS subunit
<b>ostta04g01490</b>	Basic-leucine zipper domain
<b>ostta04g01530</b>	Translation elongation/initiation factor/Ribosomal, beta-barrel
<b>ostta04g01590</b>	Cytochrome c oxidase biogenesis protein Cmc1-like
<b>ostta04g01650</b>	Up-frameshift suppressor 2
<b>ostta04g01660</b>	Aminoacyl-tRNA synthetase, class Ia
<b>ostta04g01710</b>	BRCT domain
<b>ostta04g01745</b>	Glycoside hydrolase, catalytic domain
<b>ostta04g01830</b>	Zinc finger, PHD-finger
<b>ostta04g01845</b>	Pheromone shutdown, TraB

<b>ostta04g01990</b>	Spc97/Spc98
<b>ostta04g02100</b>	SNF2-related
<b>ostta04g02150</b>	Inositol polyphosphate-related phosphatase
<b>ostta04g02170</b>	unnamed product
<b>ostta04g02300</b>	Ysc84 actin-binding domain
<b>ostta04g02320</b>	unnamed product
<b>ostta04g02350</b>	unnamed product
<b>ostta04g02360</b>	Cystinosin/ERS1p repeat
<b>ostta04g02390</b>	Glycoside hydrolase, superfamily
<b>ostta04g02460</b>	unnamed product
<b>ostta04g02480</b>	Cytochrome b561/ferric reductase transmembrane
<b>ostta04g02560</b>	Glycerophosphoryl diester phosphodiesterase
<b>ostta04g02580</b>	Cytochrome c, class IA/ IB
<b>ostta04g02590</b>	Actin-related protein
<b>ostta04g02610</b>	Clathrin/coatamer adaptor, adaptin-like, N-terminal
<b>ostta04g02670</b>	Nicotinamide N-methyltransferase-like
<b>ostta04g02720</b>	Epoxide hydrolase-like
<b>ostta04g02750</b>	ATPase, V1 complex, subunit F
<b>ostta04g02790</b>	Autophagy-related protein 2
<b>ostta04g02800</b>	Heavy metal-associated domain, HMA
<b>ostta04g02890</b>	unnamed product
<b>ostta04g02900</b>	Nucleotide-binding, alpha-beta plait
<b>ostta04g02970</b>	Ribosomal protein L1, 2-layer alpha/beta-sandwich
<b>ostta04g02980</b>	CAAX amino terminal protease
<b>ostta04g03080</b>	Thioredoxin, conserved site
<b>ostta04g03150</b>	SWIB/MDM2 domain
<b>ostta04g03160</b>	WD40 repeat
<b>ostta04g03180</b>	unnamed product
<b>ostta04g03240</b>	unnamed product
<b>ostta04g03260</b>	Ubiquitin-conjugating enzyme, active site
<b>ostta04g03390</b>	Immunoglobulin-like fold
<b>ostta04g03400</b>	unnamed product
<b>ostta04g03420</b>	unnamed product
<b>ostta04g03430</b>	EF-Hand 1, calcium-binding site

<b>ostta04g03460</b>	Zinc finger, PHD-finger
<b>ostta04g03470</b>	Phosphatidate cytidylyltransferase
<b>ostta04g03510</b>	Fatty acid desaturase, type 2
<b>ostta04g03680</b>	O-methyltransferase, family 3
<b>ostta04g03700</b>	GPI transamidase subunit PIG-U
<b>ostta04g03760</b>	Carbon-nitrogen hydrolase
<b>ostta04g03780</b>	unnamed product
<b>ostta04g03800</b>	Pyrophosphate-energised proton pump
<b>ostta04g03900</b>	Pyridine nucleotide-disulphide oxidoreductase, FAD/NADP-binding domain
<b>ostta04g03910</b>	Potential DNA-binding domain
<b>ostta04g03950</b>	Ctr copper transporter
<b>ostta04g03960</b>	Orn/DAP/Arg decarboxylase 2, N-terminal
<b>ostta04g04065</b>	Photosystem II Pbs27
<b>ostta04g04110</b>	Clathrin/coatomer adaptor, adaptin-like, N-terminal
<b>ostta04g04120</b>	Bacterial transferase hexapeptide repeat
<b>ostta04g04190</b>	EF-hand domain pair
<b>ostta04g04270</b>	Methyltransferase type 11
<b>ostta04g04280</b>	Sodium/calcium exchanger membrane region
<b>ostta04g04320</b>	Zinc finger, SWIM-type
<b>ostta04g04330</b>	Ubiquitinyl hydrolase
<b>ostta04g04400</b>	unnamed product
<b>ostta04g04500</b>	UBX
<b>ostta04g04520</b>	Major facilitator superfamily domain, general substrate transporter
<b>ostta04g04650</b>	Beclin family
<b>ostta04g04700</b>	unnamed product
<b>ostta04g04850</b>	unnamed product
<b>ostta04g04860</b>	NHL repeat
<b>ostta04g04920</b>	unnamed product
<b>ostta04g04980</b>	Phosphoesterase domain
<b>ostta04g05020</b>	unnamed product
<b>ostta04g05040</b>	Serine/threonine-protein kinase, active site
<b>ostta04g05070</b>	Histone-fold
<b>ostta04g05080</b>	Protein-tyrosine phosphatase, active site
<b>ostta04g05140</b>	Zinc finger, RING/FYVE/PHD-type

<b>ostta04g05150</b>	Calcium/calmodulin-dependent/calcium-dependent protein kinase
<b>ostta04g05170</b>	unnamed product
<b>ostta04g05190</b>	Interphotoreceptor retinol-binding
<b>ostta04g05210</b>	Zinc finger, GRF-type
<b>ostta04g05240</b>	Ataxin 2, SM domain
<b>ostta04g05300</b>	unnamed product
<b>ostta04g05330</b>	WD40/YVTN repeat-like-containing domain
<b>ostta04g05340</b>	unnamed product
<b>ostta04g05430</b>	Protein of unknown function DUF4336
<b>ostta04g05480</b>	unnamed product
<b>ostta04g05490</b>	unnamed product
<b>ostta05g00075</b>	Zinc finger, RING/FYVE/PHD-type
<b>ostta05g00150</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta05g00220</b>	Hydroxy monocarboxylic acid anion dehydrogenase, HIBADH-type
<b>ostta05g00250</b>	AMP-dependent synthetase/ligase
<b>ostta05g00280</b>	HSP40/DnaJ peptide-binding
<b>ostta05g00380</b>	G-protein beta WD-40 repeat
<b>ostta05g00460</b>	Domain of unknown function DUF3351
<b>ostta05g00510</b>	Centromere protein X
<b>ostta05g00540</b>	unnamed product
<b>ostta05g00570</b>	Translocation protein Sec63
<b>ostta05g00600</b>	Helicase, C-terminal
<b>ostta05g00670</b>	Arf GTPase activating protein
<b>ostta05g00700</b>	Complex 1 LYR protein
<b>ostta05g00780</b>	unnamed product
<b>ostta05g00870</b>	Peptidyl-prolyl cis-trans isomerase, FKBP-type, domain
<b>ostta05g00880</b>	Carbohydrate kinase PfkB
<b>ostta05g00970</b>	C-5 cytosine methyltransferase
<b>ostta05g01000</b>	unnamed product
<b>ostta05g01030</b>	Magnesium chelatase, subunit H, N-terminal
<b>ostta05g01040</b>	unnamed product
<b>ostta05g01050</b>	unnamed product
<b>ostta05g01090</b>	unnamed product
<b>ostta05g01140</b>	Membrane insertase YidC/Oxa1, C-terminal



<b>ostta05g01240</b>	GOLD
<b>ostta05g01260</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta05g01280</b>	SANT/Myb domain
<b>ostta05g01310</b>	DNA-binding HORMA
<b>ostta05g01430</b>	Fructose-1,6-bisphosphatase class 1/Sedoheputulose-1,7-bisphosphatase
<b>ostta05g01500</b>	unnamed product
<b>ostta05g01640</b>	Nucleotide-binding, alpha-beta plait
<b>ostta05g01650</b>	Serine/threonine-protein kinase, active site
<b>ostta05g01670</b>	Inorganic phosphate transporter Pho88
<b>ostta05g01720</b>	Domain of unknown function DUF2431
<b>ostta05g01770</b>	SANT/Myb domain
<b>ostta05g01790</b>	unnamed product
<b>ostta05g01870</b>	Leucine aminopeptidase/peptidase B
<b>ostta05g01900</b>	APOBEC/CMP deaminase, zinc-binding
<b>ostta05g01910</b>	GYF
<b>ostta05g01940</b>	Paired amphipathic helix
<b>ostta05g01960</b>	Small GTPase superfamily, Ras type
<b>ostta05g02010</b>	unnamed product
<b>ostta05g02050</b>	unnamed product
<b>ostta05g02080</b>	Fibronectin, type III
<b>ostta05g02090</b>	Patatin/Phospholipase A2-related
<b>ostta05g02130</b>	Inosine/uridine-preferring nucleoside hydrolase
<b>ostta05g02190</b>	Zinc finger, GATA-type
<b>ostta05g02220</b>	Serine/threonine-protein kinase, active site
<b>ostta05g02260</b>	Alpha/beta hydrolase fold-1
<b>ostta05g02300</b>	Peptide Chain Release Factor eRF1/aRF1, N-terminal
<b>ostta05g02310</b>	F-box domain
<b>ostta05g02320</b>	Transmembrane protein 18
<b>ostta05g02350</b>	unnamed product
<b>ostta05g02490</b>	unnamed product
<b>ostta05g02540</b>	Tetratricopeptide repeat
<b>ostta05g02570</b>	unnamed product
<b>ostta05g02580</b>	Vesicle tethering protein Uso1/P115-like , head domain
<b>ostta05g02600</b>	unnamed product

<b>ostta05g02665</b>	Peptidase S1C
<b>ostta05g02720</b>	Amidinotransferase
<b>ostta05g02750</b>	Cell division protein Cdc14
<b>ostta05g02810</b>	unnamed product
<b>ostta05g02820</b>	Oligosaccharyl transferase, STT3 subunit
<b>ostta05g02930</b>	RNA helicase, ATP-dependent, DEAD-box, conserved site
<b>ostta05g02980</b>	Monooxygenase, FAD-binding
<b>ostta05g03150</b>	unnamed product
<b>ostta05g03160</b>	Drug/metabolite transporter
<b>ostta05g03240</b>	unnamed product
<b>ostta05g03330</b>	Telomeric single stranded DNA binding POT1/Cdc13
<b>ostta05g03400</b>	Oxoglutarate/iron-dependent dioxygenase
<b>ostta05g03470</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta05g03570</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta05g03610</b>	GOSR2/Membrin/Bos1
<b>ostta05g03620</b>	Leucine-rich repeat, ribonuclease inhibitor subtype
<b>ostta05g03740</b>	P-type ATPase, phosphorylation site
<b>ostta05g03770</b>	Histone core n/a Histone core n/a Histone core
<b>ostta05g03780</b>	SET domain
<b>ostta05g03800</b>	Fibronectin, type III
<b>ostta05g03840</b>	Transcription Factor IIF, Rap30/Rap74, interaction
<b>ostta05g03920</b>	JmjC domain
<b>ostta05g03960</b>	Armadillo-type fold
<b>ostta05g04010</b>	unnamed product
<b>ostta05g04040</b>	Forkhead-associated FHA domain
<b>ostta05g04130</b>	Ribose 5-phosphate isomerase, type A
<b>ostta05g04150</b>	unnamed product
<b>ostta05g04260</b>	tRNA guanine-N1--methyltransferase, eukaryotic
<b>ostta05g04330</b>	Glycoside hydrolase, family 37, conserved site
<b>ostta05g04400</b>	Heat shock protein 70 family
<b>ostta05g04420</b>	Aspartate/glutamate/uridylate kinase
<b>ostta05g04430</b>	MATH
<b>ostta05g04480</b>	unnamed product
<b>ostta05g04550</b>	Thioredoxin-like fold

<b>ostta05g04570</b>	NET domain
<b>ostta05g04610</b>	Ankyrin repeat
<b>ostta05g04650</b>	Fibronectin, type III
<b>ostta05g04670</b>	TMPIT-like
<b>ostta05g04680</b>	Glycosyl transferase, family 1
<b>ostta05g04700</b>	Clp, N-terminal
<b>ostta05g04750</b>	Thioesterase superfamily
<b>ostta05g04790</b>	Rubredoxin-type fold
<b>ostta05g04830</b>	unnamed product
<b>ostta05g04870</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta05g04900</b>	unnamed product
<b>ostta05g04980</b>	RelA/SpoT
<b>ostta06g00040</b>	Molybdenum cofactor biosynthesis, conserved site
<b>ostta06g00135</b>	hypothetical protein
<b>ostta06g00160</b>	Bacterial surface antigen D15
<b>ostta06g00190</b>	Proteasome A-type subunit
<b>ostta06g00260</b>	unnamed product
<b>ostta06g00270</b>	unnamed product
<b>ostta06g00280</b>	unnamed product
<b>ostta06g00310</b>	NOT2/NOT3/NOT5
<b>ostta06g00320</b>	SOUL haem-binding protein
<b>ostta06g00330</b>	DNA mismatch repair protein MutS-like, N-terminal
<b>ostta06g00430</b>	Isochorismatase-like
<b>ostta06g00440</b>	Uncharacterised protein family UPF0047
<b>ostta06g00500</b>	unnamed product
<b>ostta06g00520</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta06g00550</b>	unnamed product
<b>ostta06g00560</b>	mRNA splicing factor, Cwf21
<b>ostta06g00610</b>	WD40/YVTN repeat-like-containing domain
<b>ostta06g00650</b>	Tetratricopeptide repeat
<b>ostta06g00730</b>	Chlorophyll a/b binding protein domain
<b>ostta06g00740</b>	WD40 repeat
<b>ostta06g00780</b>	DEAD/DEAH-box helicase, putative
<b>ostta06g00870</b>	Histidine phosphatase superfamily, clade-1

<b>ostta06g00945</b>	hypothetical protein
<b>ostta06g00990</b>	Armadillo-like helical
<b>ostta06g01020</b>	T-complex protein 1, delta subunit
<b>ostta06g01060</b>	unnamed product
<b>ostta06g01070</b>	RNA polymerase sigma-70 region 2
<b>ostta06g01090</b>	Putative S-adenosyl-L-methionine-dependent methyltransferase MidA
<b>ostta06g01130</b>	Helicase, C-terminal
<b>ostta06g01140</b>	unnamed product
<b>ostta06g01210</b>	Thioredoxin-like fold
<b>ostta06g01290</b>	Piezo family
<b>ostta06g01370</b>	Patatin/Phospholipase A2-related
<b>ostta06g01410</b>	Mammalian cell entry-related
<b>ostta06g01490</b>	U6 snRNA-associated Sm-like protein LSm4/Small nuclear ribonucleoprotein Sm D1/
<b>ostta06g01510</b>	Kelch-type beta propeller
<b>ostta06g01540</b>	unnamed product
<b>ostta06g01620</b>	Serine/threonine-protein kinase, active site
<b>ostta06g01710</b>	Glycosyl transferase, family 3
<b>ostta06g01730</b>	Vps54-like
<b>ostta06g01760</b>	Ribulose-phosphate binding barrel
<b>ostta06g01780</b>	Putative thiol-disulphide oxidoreductase DCC
<b>ostta06g01850</b>	Zinc finger, RING-type, conserved site
<b>ostta06g01890</b>	Fructosamine/Ketosamine-3-kinase
<b>ostta06g01900</b>	unnamed product
<b>ostta06g01920</b>	unnamed product
<b>ostta06g01950</b>	WD40/YVTN repeat-like-containing domain
<b>ostta06g01955</b>	G-protein beta WD-40 repeat
<b>ostta06g01990</b>	Aldehyde dehydrogenase, C-terminal
<b>ostta06g02220</b>	Peptide chain release factor
<b>ostta06g02270</b>	Lactate dehydrogenase/glycoside hydrolase, family 4, C-terminal
<b>ostta06g02310</b>	Zinc/iron permease
<b>ostta06g02320</b>	Glycosyl hydrolases 36
<b>ostta06g02330</b>	unnamed product
<b>ostta06g02400</b>	Splicing factor 3B, subunit 5
<b>ostta06g02440</b>	Protein of unknown function DUF490

<b>ostta06g02450</b>	NADP-binding domain
<b>ostta06g02550</b>	Helix-hairpin-helix motif, class 2
<b>ostta06g02590</b>	Cyclin-like
<b>ostta06g02610</b>	Ubiquitin ligase, Det1/DDB1-complexing
<b>ostta06g02615</b>	hypothetical protein
<b>ostta06g02620</b>	unnamed product
<b>ostta06g02640</b>	DNA mismatch repair protein MutS-homologue MSH6
<b>ostta06g02650</b>	Transketolase-like, C-terminal
<b>ostta06g02670</b>	unnamed product
<b>ostta06g02685</b>	Regulator of chromosome condensation, RCC1
<b>ostta06g02730</b>	MORN motif
<b>ostta06g02740</b>	' Polynucleotide 3"-phosphatase'
<b>ostta06g02810</b>	NADH:ubiquinone oxidoreductase intermediate-associated protein 30
<b>ostta06g02860</b>	Pentapeptide repeat
<b>ostta06g02930</b>	Histidine phosphatase superfamily, clade-1
<b>ostta06g03060</b>	Cold-shock protein, DNA-binding
<b>ostta06g03070</b>	Phytanoyl-CoA dioxygenase
<b>ostta06g03160</b>	Carbohydrate binding module family 25
<b>ostta06g03210</b>	Tetratricopeptide-like helical
<b>ostta06g03250</b>	Heat shock protein Hsp33, N-terminal
<b>ostta06g03280</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta06g03300</b>	Acid phosphatase/vanadium-dependent haloperoxidase-related
<b>ostta06g03310</b>	Syntaxin, N-terminal domain
<b>ostta06g03320</b>	IQ motif, EF-hand binding site
<b>ostta06g03340</b>	Leucine-rich repeat
<b>ostta06g03460</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta06g03570</b>	Lysine-specific demethylase NO66/MYC-induced nuclear antigen
<b>ostta06g03640</b>	Amino acid transporter, transmembrane
<b>ostta06g03660</b>	unnamed product
<b>ostta06g03690</b>	Polynucleotide kinase 3-phosphatase, eukaryota
<b>ostta06g03720</b>	unnamed product
<b>ostta06g03750</b>	Malic enzyme, NAD-binding
<b>ostta06g03810</b>	Autophagy-related protein 3, N-terminal
<b>ostta06g03830</b>	unnamed product

<b>ostta06g03970</b>	unnamed product
<b>ostta06g03990</b>	DNA mismatch repair protein Pms1/Mlh2
<b>ostta06g04010</b>	Translation elongation/initiation factor/Ribosomal, beta-barrel
<b>ostta06g04060</b>	26S proteasome subunit P45
<b>ostta06g04110</b>	Permease, cytosine/purines, uracil, thiamine, allantoin
<b>ostta06g04130</b>	unnamed product
<b>ostta06g04180</b>	Purple acid phosphatase-like, N-terminal
<b>ostta06g04190</b>	Uncharacterised protein family Ycf19
<b>ostta06g04290</b>	Apc5/TPR19 domain
<b>ostta06g04320</b>	UBA-like
<b>ostta06g04430</b>	Acyl-CoA N-acyltransferase
<b>ostta06g04540</b>	unnamed product
<b>ostta06g04580</b>	Major facilitator superfamily domain, general substrate transporter
<b>ostta06g04590</b>	NADP-dependent oxidoreductase domain
<b>ostta06g04600</b>	Chlorophyll a/b binding protein domain
<b>ostta07g00060</b>	Phosphoribosylformimino-5-aminoimidazole carboxamide ribotide isomerase, eukary
<b>ostta07g00070</b>	Translation initiation factor, beta propellor-like domain
<b>ostta07g00150</b>	Ham1-like protein
<b>ostta07g00160</b>	Cullin repeat-like-containing domain
<b>ostta07g00240</b>	Protein of unknown function DUF4539
<b>ostta07g00260</b>	Thioredoxin-like fold
<b>ostta07g00290</b>	Thioredoxin-like fold
<b>ostta07g00340</b>	unnamed product
<b>ostta07g00370</b>	Translation elongation/initiation factor/Ribosomal, beta-barrel
<b>ostta07g00430</b>	Thioredoxin-like fold
<b>ostta07g00470</b>	unnamed product
<b>ostta07g00530</b>	Bromodomain, conserved site
<b>ostta07g00560</b>	Mitochondrial substrate/solute carrier
<b>ostta07g00590</b>	Mitochondrial chaperone BCS1
<b>ostta07g00655</b>	Domain of unknown function DUF125, transmembrane
<b>ostta07g00670</b>	unnamed product
<b>ostta07g00730</b>	Protein kinase-like domain
<b>ostta07g00770</b>	Small GTPase superfamily, Rab type
<b>ostta07g00800</b>	Rpn11/EIF3F C-terminal domain

<b>ostta07g00860</b>	unnamed product
<b>ostta07g00910</b>	Ubiquitin supergroup
<b>ostta07g00950</b>	Ribonuclease T2, active site
<b>ostta07g00980</b>	Zinc finger, B-box
<b>ostta07g01020</b>	TIP41-like protein
<b>ostta07g01040</b>	Malic enzyme, NAD-binding
<b>ostta07g01080</b>	PAS domain
<b>ostta07g01160</b>	unnamed product
<b>ostta07g01230</b>	Ribosomal protein S5 domain 2-type fold, subgroup
<b>ostta07g01270</b>	Methyltransferase type 11
<b>ostta07g01280</b>	unnamed product
<b>ostta07g01300</b>	Armadillo-like helical
<b>ostta07g01320</b>	TRAM/LAG1/CLN8 homology domain
<b>ostta07g01340</b>	Thymidylate kinase, conserved site
<b>ostta07g01400</b>	Serine/threonine-protein kinase, active site
<b>ostta07g01480</b>	unnamed product
<b>ostta07g01490</b>	Prenylated rab acceptor PRA1
<b>ostta07g01500</b>	MIR motif
<b>ostta07g01520</b>	Nuclear cap-binding protein subunit 1
<b>ostta07g01540</b>	Tetrahydrofolate dehydrogenase/cyclohydrolase, conserved site
<b>ostta07g01570</b>	unnamed product
<b>ostta07g01600</b>	unnamed product
<b>ostta07g01620</b>	TH1 protein
<b>ostta07g01680</b>	Cysteine peptidase, histidine active site
<b>ostta07g01700</b>	ABC transporter, conserved site
<b>ostta07g01910</b>	Calcium/calmodulin-dependent/calcium-dependent protein kinase
<b>ostta07g01920</b>	Armadillo-type fold
<b>ostta07g01950</b>	Glycosyl hydrolase, family 13, catalytic domain
<b>ostta07g01960</b>	unnamed product
<b>ostta07g02010</b>	Clp, N-terminal
<b>ostta07g02040</b>	unnamed product
<b>ostta07g02080</b>	unnamed product
<b>ostta07g02100</b>	unnamed product
<b>ostta07g02120</b>	Ubiquitin supergroup

<b>ostta07g02190</b>	unnamed product
<b>ostta07g02280</b>	P2X purinoreceptor
<b>ostta07g02340</b>	Twin-arginine translocation pathway, signal sequence
<b>ostta07g02380</b>	unnamed product
<b>ostta07g02500</b>	Protein of unknown function DUF3411, plant
<b>ostta07g02540</b>	BRCT domain
<b>ostta07g02600</b>	Mechanosensitive ion channel MscS
<b>ostta07g02650</b>	NADP-binding domain
<b>ostta07g02675</b>	Butirosin biosynthesis, BtrG-like
<b>ostta07g02740</b>	unnamed product
<b>ostta07g02750</b>	Ribosome recycling factor
<b>ostta07g02770</b>	Protein kinase-like domain
<b>ostta07g02790</b>	hypothetical protein n/a unnamed product
<b>ostta07g02800</b>	hypothetical protein n/a unnamed product
<b>ostta07g02890</b>	Thioredoxin-like fold
<b>ostta07g02920</b>	ATPase-like, ParA/MinD
<b>ostta07g02930</b>	VPS10
<b>ostta07g02990</b>	Protein of unknown function DUF2045
<b>ostta07g03000</b>	Histidine phosphatase superfamily, clade-1
<b>ostta07g03110</b>	unnamed product
<b>ostta07g03160</b>	Mitochondrial inner membrane protein Mitofilin
<b>ostta07g03180</b>	unnamed product
<b>ostta07g03210</b>	Helicase, C-terminal
<b>ostta07g03230</b>	ATPase, F0 complex, subunit D, mitochondrial n/a ATPase, F0 complex, subunit D n/a ATPase, F0 complex, subunit D
<b>ostta07g03290</b>	Breast cancer type 1 susceptibility protein BRCA1
<b>ostta07g03300</b>	unnamed product
<b>ostta07g03330</b>	Vacuolar protein sorting-associated protein 35
<b>ostta07g03370</b>	Domain of unknown function DUF814
<b>ostta07g03450</b>	Triose-phosphate transporter domain
<b>ostta07g03460</b>	Transcription factor CBF/NF-Y/archaeal histone
<b>ostta07g03510</b>	PIK-related kinase, FATC
<b>ostta07g03620</b>	Zinc finger, NHR/GATA-type
<b>ostta07g03760</b>	Double-stranded RNA-binding domain
<b>ostta07g03780</b>	MaoC-like domain



<b>ostta07g03790</b>	unnamed product
<b>ostta07g03840</b>	Glycosyltransferase, DXD sugar-binding motif
<b>ostta07g03860</b>	unnamed product
<b>ostta07g04030</b>	unnamed product
<b>ostta07g04080</b>	Uncharacterised conserved protein UCP037205
<b>ostta07g04100</b>	Phosphoesterase domain
<b>ostta07g04110</b>	unnamed product
<b>ostta07g04130</b>	unnamed product
<b>ostta07g04160</b>	unnamed product
<b>ostta07g04170</b>	ROK
<b>ostta07g04200</b>	Dimeric alpha-beta barrel
<b>ostta07g04210</b>	Spc97/Spc98
<b>ostta07g04240</b>	Phosphoglycolate phosphatase, domain 2
<b>ostta07g04250</b>	Kelch-type beta propeller
<b>ostta07g04290</b>	Helicase, C-terminal
<b>ostta07g04390</b>	Signal-recognition particle receptor FtsY
<b>ostta07g04420</b>	Uncharacterised protein family UPF0324, prokaryote
<b>ostta07g04440</b>	CobB/CobQ glutamine amidotransferase
<b>ostta07g04570</b>	Glycosyl transferase, family 2
<b>ostta07g04700</b>	Pentatricopeptide repeat
<b>ostta07g04710</b>	unnamed product
<b>ostta07g04730</b>	Plastid lipid-associated protein/fibrillin conserved domain
<b>ostta08g00040</b>	Domain of unknown function SprT-like
<b>ostta08g00050</b>	Lactate dehydrogenase/glycoside hydrolase, family 4, C-terminal
<b>ostta08g00070</b>	Choline/Ethanolamine kinase
<b>ostta08g00140</b>	Protein of unknown function DUF1751, integral membrane, eukaryotic
<b>ostta08g00240</b>	ATP-dependent helicase, C-terminal
<b>ostta08g00250</b>	Endoplasmic reticulum vesicle transporter, C-terminal
<b>ostta08g00260</b>	Short-chain dehydrogenase/reductase SDR
<b>ostta08g00300</b>	Mg <sup>2+</sup> transporter protein, CorA-like/Zinc transport protein ZntB
<b>ostta08g00310</b>	Tetratricopeptide, SHNi-TPR domain
<b>ostta08g00360</b>	Major facilitator superfamily domain, general substrate transporter
<b>ostta08g00380</b>	unnamed product
<b>ostta08g00390</b>	Reverse transcriptase, RNA-dependent DNA polymerase

<b>ostta08g00440</b>	Aldehyde dehydrogenase, C-terminal
<b>ostta08g00450</b>	Uncharacterised protein family Ycf19
<b>ostta08g00560</b>	Ferritin-like superfamily
<b>ostta08g00570</b>	Ribosomal protein S30
<b>ostta08g00580</b>	S15/NS1, RNA-binding
<b>ostta08g00590</b>	SAP domain
<b>ostta08g00600</b>	unnamed product
<b>ostta08g00610</b>	unnamed product
<b>ostta08g00630</b>	GRIM-19
<b>ostta08g00640</b>	EAP30
<b>ostta08g00680</b>	Bacterial surface protein 26-residue repeat
<b>ostta08g00750</b>	14-3-3 protein
<b>ostta08g00770</b>	Protein-tyrosine phosphatase, low molecular weight
<b>ostta08g00790</b>	Spc97/Spc98
<b>ostta08g00810</b>	unnamed product
<b>ostta08g00860</b>	L-aspartate oxidase
<b>ostta08g00870</b>	WD40/YVTN repeat-like-containing domain
<b>ostta08g00880</b>	DEK, C-terminal
<b>ostta08g00950</b>	unnamed product
<b>ostta08g01080</b>	LETM1-like
<b>ostta08g01090</b>	unnamed product
<b>ostta08g01150</b>	Transcription factor jumonji, JmjN
<b>ostta08g01160</b>	unnamed product
<b>ostta08g01220</b>	Rubisco LS methyltransferase, substrate-binding domain
<b>ostta08g01300</b>	Forkhead-associated FHA domain
<b>ostta08g01310</b>	Carbohydrate binding module family 20
<b>ostta08g01360</b>	Actin-related protein
<b>ostta08g01430</b>	Ribosomal protein L34, conserved site
<b>ostta08g01600</b>	unnamed product
<b>ostta08g01640</b>	Foie gras liver health family 1
<b>ostta08g01710</b>	unnamed product
<b>ostta08g01740</b>	Arginine-tRNA ligase, class Ia n/a Arginine-tRNA ligase, class Ia
<b>ostta08g01760</b>	Endonuclease/exonuclease/phosphatase
<b>ostta08g01790</b>	tRNA-guanine15 transglycosylase-like

<b>ostta08g01810</b>	unnamed product
<b>ostta08g01840</b>	Rad60/SUMO-like domain
<b>ostta08g01910</b>	Histone core
<b>ostta08g01920</b>	Histone core
<b>ostta08g01950</b>	Zinc finger, PHD-finger
<b>ostta08g02160</b>	Peptidase M50
<b>ostta08g02210</b>	Profilin
<b>ostta08g02220</b>	TRAM/LAG1/CLN8 homology domain
<b>ostta08g02295</b>	hypothetical protein
<b>ostta08g02390</b>	unnamed product
<b>ostta08g02540</b>	Pre-mRNA splicing factor
<b>ostta08g02560</b>	PX-associated, sorting nexin 13
<b>ostta08g02600</b>	Chaperone tailless complex polypeptide 1 TCP-1
<b>ostta08g02670</b>	Quinonprotein alcohol dehydrogenase-like superfamily
<b>ostta08g02730</b>	Tetratricopeptide repeat
<b>ostta08g02740</b>	PspA/IM30
<b>ostta08g02840</b>	unnamed product
<b>ostta08g02990</b>	Nucleotide-binding, alpha-beta plait
<b>ostta08g03020</b>	unnamed product
<b>ostta08g03040</b>	Acyl-CoA N-acyltransferase
<b>ostta08g03080</b>	Leucine-rich repeat, ribonuclease inhibitor subtype
<b>ostta08g03150</b>	unnamed product
<b>ostta08g03160</b>	unnamed product
<b>ostta08g03170</b>	KRR1 interacting protein 1
<b>ostta08g03180</b>	Aromatic-ring hydroxylase-like
<b>ostta08g03190</b>	TRAPP I complex, Bet3
<b>ostta08g03210</b>	Peptidase S33
<b>ostta08g03250</b>	Squalene/phytoene synthase
<b>ostta08g03310</b>	Helicase, C-terminal
<b>ostta08g03320</b>	Zinc finger, Sec23/Sec24-type
<b>ostta08g03340</b>	Twin-arginine translocation pathway, signal sequence
<b>ostta08g03370</b>	unnamed product
<b>ostta08g03570</b>	Coiled-coil domain-containing protein 90
<b>ostta08g03660</b>	Glutathione S-transferase, N-terminal

<b>ostta08g03680</b>	DNA polymerase alpha/epsilon, subunit B
<b>ostta08g03730</b>	WD40 repeat
<b>ostta08g03760</b>	unnamed product
<b>ostta08g03810</b>	unnamed product
<b>ostta08g03820</b>	unnamed product
<b>ostta08g03830</b>	Tim44-like domain
<b>ostta08g03990</b>	SNF2-related
<b>ostta08g04020</b>	Chlorophyll a/b binding protein domain
<b>ostta08g04040</b>	ATPase, V0 complex, subunit 116kDa, eukaryotic
<b>ostta08g04070</b>	Carotenoid oxygenase
<b>ostta08g04100</b>	Cation/H <sup>+</sup> exchanger
<b>ostta08g04110</b>	unnamed product
<b>ostta08g04130</b>	unnamed product
<b>ostta08g04160</b>	Ankyrin repeat-containing domain
<b>ostta08g04230</b>	Short-chain dehydrogenase/reductase SDR
<b>ostta09g00030</b>	ABC transporter, conserved site
<b>ostta09g00040</b>	26S proteasome non-ATPase regulatory subunit Rpn12
<b>ostta09g00050</b>	Alternative oxidase
<b>ostta09g00140</b>	unnamed product
<b>ostta09g00160</b>	Fructose-1,6-bisphosphatase class 1/Sedoheptulose-1,7-bisphosphatase
<b>ostta09g00180</b>	DNA glycosylase
<b>ostta09g00220</b>	unnamed product
<b>ostta09g00260</b>	unnamed product
<b>ostta09g00350</b>	Ankyrin repeat
<b>ostta09g00370</b>	Ribosomal protein Rsm22, bacterial-type
<b>ostta09g00390</b>	unnamed product
<b>ostta09g00430</b>	WD40/YVTN repeat-like-containing domain
<b>ostta09g00480</b>	START-like domain
<b>ostta09g00550</b>	Domain of unknown function DUF1990
<b>ostta09g00610</b>	Leucine-rich repeat, ribonuclease inhibitor subtype
<b>ostta09g00680</b>	WHEP-TRS
<b>ostta09g00780</b>	hypothetical protein n/a unnamed product
<b>ostta09g00840</b>	unnamed product
<b>ostta09g00880</b>	Ubiquinone biosynthesis O-methyltransferase

<b>ostta09g00910</b>	unnamed product
<b>ostta09g00920</b>	unnamed product
<b>ostta09g01100</b>	Aldehyde dehydrogenase, C-terminal
<b>ostta09g01110</b>	unnamed product
<b>ostta09g01140</b>	unnamed product
<b>ostta09g01230</b>	Peptidase S49
<b>ostta09g01250</b>	unnamed product
<b>ostta09g01260</b>	unnamed product
<b>ostta09g01270</b>	unnamed product
<b>ostta09g01280</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta09g01350</b>	unnamed product
<b>ostta09g01370</b>	Prefoldin subunit 2
<b>ostta09g01460</b>	unnamed product
<b>ostta09g01470</b>	Histone deacetylase complex subunit SAP30, Sin3 binding domain
<b>ostta09g01480</b>	Leucine-rich repeat
<b>ostta09g01490</b>	Ubiquitin interacting motif n/a Ubiquitin interacting motif
<b>ostta09g01495</b>	Ubiquitin interacting motif
<b>ostta09g01550</b>	GPI inositol-deacylase PGAP1-like
<b>ostta09g01615</b>	ABC-2 type transporter
<b>ostta09g01700</b>	Clathrin, heavy chain/VPS, 7-fold repeat
<b>ostta09g01730</b>	Ubiquitin supergroup
<b>ostta09g01740</b>	Alpha/beta hydrolase fold-1
<b>ostta09g01790</b>	Folypolyglutamate synthetase
<b>ostta09g01850</b>	unnamed product
<b>ostta09g01930</b>	NAD/GMP synthase
<b>ostta09g01970</b>	Thioredoxin-like fold
<b>ostta09g01980</b>	Major facilitator superfamily domain, general substrate transporter
<b>ostta09g01990</b>	Cleft lip and palate transmembrane 1
<b>ostta09g02020</b>	Glycosyl transferase, family 1
<b>ostta09g02120</b>	Acyl-CoA N-acyltransferase
<b>ostta09g02130</b>	Cation-transporting P-type ATPase, C-terminal
<b>ostta09g02200</b>	Uncharacterised protein family UPF0118
<b>ostta09g02250</b>	' Pre-mRNA 3"-end-processing endonuclease polyadenylation factor C-term'
<b>ostta09g02260</b>	P-loop containing nucleoside triphosphate hydrolase

<b>ostta09g02320</b>	26S proteasome subunit P45
<b>ostta09g02330</b>	Zinc finger, RanBP2-type
<b>ostta09g02350</b>	Alcohol dehydrogenase superfamily, zinc-type
<b>ostta09g02400</b>	Rossmann-like alpha/beta/alpha sandwich fold
<b>ostta09g02410</b>	Cytochrome b-c1 complex subunit 7
<b>ostta09g02450</b>	Serine/threonine-protein kinase, active site
<b>ostta09g02460</b>	CAAX amino terminal protease
<b>ostta09g02490</b>	NUDIX hydrolase, conserved site
<b>ostta09g02500</b>	unnamed product
<b>ostta09g02520</b>	Clp protease proteolytic subunit /Translocation-enhancing protein TepA
<b>ostta09g02670</b>	von Willebrand factor, type A
<b>ostta09g02680</b>	Tetratricopeptide repeat
<b>ostta09g02700</b>	Mitochondrial substrate/solute carrier
<b>ostta09g02720</b>	Magnesium transporter MRS2/LPE10
<b>ostta09g02820</b>	Major facilitator superfamily domain, general substrate transporter
<b>ostta09g02910</b>	unnamed product
<b>ostta09g02920</b>	unnamed product
<b>ostta09g02950</b>	Clp protease proteolytic subunit /Translocation-enhancing protein TepA
<b>ostta09g02955</b>	Clp protease proteolytic subunit /Translocation-enhancing protein TepA
<b>ostta09g02970</b>	unnamed product
<b>ostta09g03040</b>	unnamed product
<b>ostta09g03110</b>	unnamed product
<b>ostta09g03120</b>	Zinc finger, RING/FYVE/PHD-type
<b>ostta09g03140</b>	Spc97/Spc98
<b>ostta09g03235</b>	TB2/DP1/HVA22-related protein
<b>ostta09g03260</b>	WD40/YVTN repeat-like-containing domain
<b>ostta09g03430</b>	Triose-phosphate transporter domain
<b>ostta09g03460</b>	Zinc finger, RING/FYVE/PHD-type
<b>ostta09g03530</b>	SNF2-related
<b>ostta09g03570</b>	Beta-lactamase-like
<b>ostta09g03620</b>	NADP-dependent oxidoreductase domain
<b>ostta09g03630</b>	Cysteine desulfurase, NifS
<b>ostta09g03660</b>	G-protein beta WD-40 repeat
<b>ostta09g03680</b>	Uncharacterised protein family UPF0061

<b>ostta09g03690</b>	Complex I subunit NDUFS6
<b>ostta09g03705</b>	MOZ/SAS-like protein
<b>ostta09g03710</b>	WASH1
<b>ostta09g03720</b>	Crotonase superfamily
<b>ostta09g03760</b>	CASP, C-terminal
<b>ostta09g03765</b>	PEP-utilising enzyme, conserved site
<b>ostta09g03880</b>	Helicase, C-terminal
<b>ostta09g03940</b>	Ubiquitin-conjugating enzyme, E2
<b>ostta09g03950</b>	Small GTPase superfamily, Rho type
<b>ostta09g03960</b>	tRNA/rRNA methyltransferase, SpoU
<b>ostta09g03980</b>	Protein of unknown function DUF288
<b>ostta09g03990</b>	Glucose-6-phosphate 1-epimerase
<b>ostta09g04050</b>	Mitogen-activated protein MAP kinase, conserved site
<b>ostta09g04060</b>	unnamed product
<b>ostta09g04200</b>	Acyl-CoA N-acyltransferase
<b>ostta09g04230</b>	unnamed product
<b>ostta09g04240</b>	Blue type 1 copper protein
<b>ostta09g04300</b>	unnamed product
<b>ostta09g04310</b>	unnamed product
<b>ostta09g04340</b>	Peptidyl-prolyl cis-trans isomerase, FKBP-type, N-terminal
<b>ostta09g04360</b>	Histidine triad HIT protein
<b>ostta09g04370</b>	unnamed product
<b>ostta09g04410</b>	Flavodoxin/nitric oxide synthase
<b>ostta09g04480</b>	Gem-associated protein 2
<b>ostta09g04490</b>	Thioredoxin-like fold
<b>ostta09g04520</b>	unnamed product
<b>ostta10g00060</b>	unnamed product
<b>ostta10g00140</b>	Armadillo-type fold
<b>ostta10g00230</b>	Heat shock protein DnaJ, cysteine-rich domain
<b>ostta10g00280</b>	Ribosomal protein L28/L40, mitochondrial
<b>ostta10g00300</b>	Chaperonin Cpn60
<b>ostta10g00390</b>	Pleckstrin homology-like domain
<b>ostta10g00420</b>	Histidine kinase-like ATPase, ATP-binding domain
<b>ostta10g00450</b>	EF-Hand 1, calcium-binding site

<b>ostta10g00500</b>	Carbohydrate binding module family 20
<b>ostta10g00540</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta10g00550</b>	Twin-arginine translocation pathway, signal sequence
<b>ostta10g00570</b>	Nicotinamide N-methyltransferase-like
<b>ostta10g00640</b>	DNA ligase, ATP-dependent, conserved site
<b>ostta10g00730</b>	Alpha-ketoglutarate-dependent dioxygenase AlkB-like
<b>ostta10g00740</b>	2-oxoacid dehydrogenase acyltransferase, catalytic domain
<b>ostta10g00810</b>	G-protein beta WD-40 repeat
<b>ostta10g00830</b>	ATPase, V1 complex, subunit B
<b>ostta10g00870</b>	Glycosyltransferase, DXD sugar-binding motif
<b>ostta10g00960</b>	Sulphate transporter
<b>ostta10g00970</b>	MoaA/nifB/pqqE, iron-sulphur binding, conserved site
<b>ostta10g01010</b>	unnamed product
<b>ostta10g01020</b>	Serine/threonine- / dual specificity protein kinase, catalytic domain
<b>ostta10g01130</b>	Peptidoglycan binding-like
<b>ostta10g01180</b>	Proteasome A-type subunit
<b>ostta10g01270</b>	RNA polymerase, Rpb8
<b>ostta10g01280</b>	Histidine kinase-like ATPase, ATP-binding domain
<b>ostta10g01290</b>	Peptidase A22A, presenilin
<b>ostta10g01340</b>	Ubiquitin carboxyl-terminal hydrolases family 2
<b>ostta10g01440</b>	WD40 repeat
<b>ostta10g01510</b>	SGNH hydrolase-type esterase domain
<b>ostta10g01560</b>	CWC16 protein
<b>ostta10g01630</b>	unnamed product
<b>ostta10g01650</b>	Antibiotic biosynthesis monooxygenase
<b>ostta10g01690</b>	AMP-dependent synthetase/ligase
<b>ostta10g01720</b>	Zinc finger, RING/FYVE/PHD-type
<b>ostta10g01760</b>	ABC transporter, conserved site
<b>ostta10g01850</b>	RNA polymerase Rpb7, N-terminal
<b>ostta10g02025</b>	hypothetical protein
<b>ostta10g02220</b>	LPPG:FO 2-phospho-L-lactate transferase CofD/UPF0052
<b>ostta10g02230</b>	Choline transporter-like
<b>ostta10g02290</b>	ATPase, F0 complex, subunit G, mitochondrial
<b>ostta10g02310</b>	TFIID subunit, WD40-associated region



<b>ostta10g02320</b>	Transmembrane adaptor Erv26
<b>ostta10g02460</b>	Glutamine amidotransferase
<b>ostta10g02490</b>	Inositol monophosphatase
<b>ostta10g02520</b>	unnamed product
<b>ostta10g02540</b>	Pyridoxal phosphate-dependent transferase, major region, subdomain 2
<b>ostta10g02550</b>	SAC3/GANP/Nin1/mts3/eIF-3 p25
<b>ostta10g02570</b>	Aldehyde dehydrogenase, C-terminal
<b>ostta10g02590</b>	AP complex, mu/sigma subunit
<b>ostta10g02640</b>	Uncharacterised protein family Ycf33
<b>ostta10g02700</b>	Branched-chain alpha-ketoacid dehydrogenase kinase/Pyruvate dehydrogenase kinas
<b>ostta10g02760</b>	Leucine-rich repeat
<b>ostta10g02790</b>	Serine/threonine-protein kinase, active site
<b>ostta10g02830</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta10g02880</b>	Small GTPase superfamily, ARF/SAR type
<b>ostta10g02900</b>	Ankyrin repeat
<b>ostta10g02960</b>	Adaptor protein complex, sigma subunit
<b>ostta10g02990</b>	Zinc finger, RING/FYVE/PHD-type
<b>ostta10g03000</b>	SNF2-related
<b>ostta10g03020</b>	Protein of unknown function DUF1802
<b>ostta10g03030</b>	PRC-barrel-like
<b>ostta10g03070</b>	Mitochondrial Rho-like
<b>ostta10g03090</b>	BRCT domain
<b>ostta10g03135</b>	Proteasome A-type subunit
<b>ostta10g03160</b>	unnamed product
<b>ostta10g03170</b>	Major facilitator superfamily domain, general substrate transporter
<b>ostta10g03185</b>	hypothetical protein
<b>ostta10g03240</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta10g03340</b>	Carbohydrate kinase, FGGY, C-terminal
<b>ostta10g03390</b>	Adenosine kinase
<b>ostta10g03410</b>	Signal transduction response regulator, receiver domain
<b>ostta10g03435</b>	NUDIX hydrolase, conserved site
<b>ostta10g03460</b>	unnamed product
<b>ostta10g03470</b>	N-acetylglucosaminyl transferase component
<b>ostta10g03550</b>	CHCH

<b>ostta11g00090</b>	SWR1-complex protein 5/Craniofacial development protein
<b>ostta11g00130</b>	Armadillo-type fold
<b>ostta11g00150</b>	CBS domain
<b>ostta11g00180</b>	Carbohydrate binding module family 20
<b>ostta11g00190</b>	unnamed product
<b>ostta11g00200</b>	unnamed product
<b>ostta11g00220</b>	RNA recognition motif, spliceosomal PrP8
<b>ostta11g00240</b>	unnamed product
<b>ostta11g00250</b>	unnamed product
<b>ostta11g00300</b>	unnamed product
<b>ostta11g00330</b>	unnamed product
<b>ostta11g00350</b>	unnamed product
<b>ostta11g00380</b>	RNA polymerases, subunit N, zinc binding site
<b>ostta11g00410</b>	FERM/acyl-CoA-binding protein, 3-helical bundle
<b>ostta11g00420</b>	Haemerythrin/HHE cation-binding motif
<b>ostta11g00460</b>	Helicase, C-terminal
<b>ostta11g00500</b>	unnamed product
<b>ostta11g00510</b>	Autophagy-related protein 13
<b>ostta11g00560</b>	unnamed product
<b>ostta11g00580</b>	Trypsin-like cysteine/serine peptidase domain
<b>ostta11g00630</b>	Breast cancer type 2 susceptibility protein
<b>ostta11g00760</b>	RNA polymerase II accessory factor, Cdc73
<b>ostta11g00920</b>	unnamed product
<b>ostta11g00985</b>	PPPDE putative peptidase domain
<b>ostta11g00990</b>	Chlorophyll A-B binding protein, plant
<b>ostta11g01000</b>	Peptidyl-prolyl cis-trans isomerase, FKBP-type, domain
<b>ostta11g01010</b>	unnamed product
<b>ostta11g01050</b>	DnaJ domain, conserved site
<b>ostta11g01080</b>	Rubisco LS methyltransferase, substrate-binding domain
<b>ostta11g01090</b>	unnamed product
<b>ostta11g01110</b>	ABC transporter, conserved site
<b>ostta11g01120</b>	unnamed product
<b>ostta11g01170</b>	Domain of unknown function DUF2404
<b>ostta11g01210</b>	Helicase, C-terminal

<b>ostta11g01230</b>	Histidine phosphatase superfamily, clade-1
<b>ostta11g01250</b>	Serine-threonine/tyrosine-protein kinase catalytic domain
<b>ostta11g01260</b>	unnamed product
<b>ostta11g01275</b>	Cysteine/histidine-rich domain
<b>ostta11g01290</b>	Zinc finger, CW-type
<b>ostta11g01310</b>	von Willebrand factor, type A
<b>ostta11g01410</b>	UDP-galactopyranose mutase
<b>ostta11g01420</b>	TLDC
<b>ostta11g01460</b>	Peptidase S24/S26A/S26B/S26C
<b>ostta11g01510</b>	unnamed product
<b>ostta11g01550</b>	Protein of unknown function DUF2301
<b>ostta11g01580</b>	Dak kinase
<b>ostta11g01600</b>	DNA ligase, ATP-dependent, N-terminal
<b>ostta11g01620</b>	Thioredoxin-like fold
<b>ostta11g01670</b>	NADH:cytochrome b5 reductase CBR
<b>ostta11g01840</b>	DNA polymerase epsilon, catalytic subunit A, C-terminal
<b>ostta11g01850</b>	unnamed product
<b>ostta11g01860</b>	Major facilitator superfamily domain, general substrate transporter
<b>ostta11g01920</b>	Chalcone isomerase
<b>ostta11g01970</b>	Histone deacetylase superfamily
<b>ostta11g02020</b>	Aminoacyl-tRNA synthetase, class II D/K/N-like
<b>ostta11g02030</b>	unnamed product
<b>ostta11g02095</b>	Glycoside hydrolase, catalytic domain
<b>ostta11g02250</b>	Peptidase S1, trypsin family, active site
<b>ostta11g02300</b>	P-type ATPase, phosphorylation site
<b>ostta11g02310</b>	unnamed product
<b>ostta11g02350</b>	Helicase, C-terminal
<b>ostta11g02360</b>	Ribosomal protein L25/Gln-tRNA synthetase, beta-barrel domain
<b>ostta11g02370</b>	Zinc finger, RING/FYVE/PHD-type
<b>ostta11g02380</b>	Ribosomal protein S19e
<b>ostta11g02410</b>	26S proteasome complex ubiquitin receptor, subunit Rpn13
<b>ostta11g02440</b>	Mitochondrial substrate/solute carrier
<b>ostta11g02470</b>	Sodium/calcium exchanger membrane region
<b>ostta11g02505</b>	Nucleoside diphosphate kinase

<b>ostta11g02530</b>	unnamed product
<b>ostta11g02660</b>	Peptidase S54, rhomboid
<b>ostta11g02680</b>	Endoribonuclease YbeY
<b>ostta11g02750</b>	CAAX amino terminal protease
<b>ostta11g02820</b>	Pyridine nucleotide-disulphide oxidoreductase, class I, active site
<b>ostta11g02830</b>	Dual specificity phosphatase, subgroup, catalytic domain
<b>ostta11g02920</b>	Syntaxin/epimorphin, conserved site
<b>ostta11g02990</b>	Zinc finger, TRAF-type
<b>ostta11g03030</b>	Saposin-like type B, 2
<b>ostta11g03080</b>	SGNH hydrolase-type esterase domain
<b>ostta11g03090</b>	Ribulose-phosphate binding barrel
<b>ostta11g03110</b>	Nucleoside diphosphate kinase
<b>ostta11g03170</b>	unnamed product
<b>ostta11g03240</b>	Interphotoreceptor retinol-binding
<b>ostta11g03260</b>	EXS, C-terminal
<b>ostta12g00040</b>	Nucleotide-binding, alpha-beta plait
<b>ostta12g00060</b>	Thioredoxin-like fold n/a Thioredoxin-like fold
<b>ostta12g00180</b>	Multi antimicrobial extrusion protein
<b>ostta12g00250</b>	Chlorophyll A-B binding protein
<b>ostta12g00330</b>	Prefoldin, subunit 3
<b>ostta12g00360</b>	unnamed product
<b>ostta12g00370</b>	Pentatricopeptide repeat
<b>ostta12g00440</b>	NADH-quinone oxidoreductase, chain G, C-terminal
<b>ostta12g00450</b>	Streptomyces cyclase/dehydrase
<b>ostta12g00520</b>	unnamed product
<b>ostta12g00580</b>	Ankyrin repeat
<b>ostta12g00650</b>	DNA glycosylase/AP lyase, H2TH DNA-binding
<b>ostta12g00655</b>	DNA glycosylase/AP lyase, H2TH DNA-binding
<b>ostta12g00670</b>	unnamed product
<b>ostta12g00770</b>	unnamed product
<b>ostta12g00800</b>	26S proteasome regulatory complex, non-ATPase subcomplex, Rpn2/Psmd1 subunit
<b>ostta12g00820</b>	Cohesin loading factor
<b>ostta12g00900</b>	Phosphomethylpyrimidine kinase type-1
<b>ostta12g00990</b>	Histone core

<b>ostta12g01020</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta12g01030</b>	Tetrapyrrole biosynthesis, uroporphyrinogen III synthase
<b>ostta12g01050</b>	ALIX V-shaped domain
<b>ostta12g01120</b>	unnamed product
<b>ostta12g01150</b>	Pleckstrin homology-like domain
<b>ostta12g01160</b>	Ribosomal protein L27, conserved site
<b>ostta12g01180</b>	SKP1 component, POZ domain
<b>ostta12g01260</b>	Peptidase S10, serine carboxypeptidase, active site
<b>ostta12g01290</b>	Rudiment single hybrid motif
<b>ostta12g01310</b>	unnamed product
<b>ostta12g01440</b>	Tetratricopeptide repeat
<b>ostta12g01520</b>	DNA recombination and repair protein Rad51, C-terminal
<b>ostta12g01530</b>	Serine/threonine dehydratase, pyridoxal-phosphate-binding site
<b>ostta12g01560</b>	Mitochondrial substrate/solute carrier
<b>ostta12g01580</b>	RmlC-like jelly roll fold
<b>ostta12g01630</b>	NAD-dependent epimerase/dehydratase n/a NAD-dependent epimerase/dehydratase
<b>ostta12g01650</b>	EGF-like, conserved site
<b>ostta12g01660</b>	Winged helix-turn-helix DNA-binding domain
<b>ostta12g01740</b>	Ribonucleoprotein LSM domain, eukaryotic/archaea-type
<b>ostta12g01750</b>	Cysteine peptidase, cysteine active site
<b>ostta12g01770</b>	Rab-GTPase-TBC domain
<b>ostta12g01800</b>	Putative thiol-disulphide oxidoreductase DCC
<b>ostta12g01810</b>	Flavin monooxygenase-like
<b>ostta12g01820</b>	unnamed product
<b>ostta12g01830</b>	Phosphoglycerate/bisphosphoglycerate mutase, active site
<b>ostta12g01840</b>	unnamed product
<b>ostta12g01850</b>	Cytochrome b5-like heme/steroid binding domain
<b>ostta12g01870</b>	ApaG domain
<b>ostta12g01880</b>	Inositol monophosphatase, metal-binding site
<b>ostta12g01920</b>	Helix-hairpin-helix DNA-binding motif, class 1
<b>ostta12g02140</b>	Transcription factor IIS, N-terminal
<b>ostta12g02150</b>	unnamed product
<b>ostta12g02190</b>	unnamed product
<b>ostta12g02250</b>	Helix-hairpin-helix motif, class 2

<b>ostta12g02380</b>	unnamed product
<b>ostta12g02390</b>	Regulatory protein RecX
<b>ostta12g02410</b>	Membrane-associated, eicosanoid/glutathione metabolism MAPEG protein
<b>ostta12g02430</b>	Macrophage migration inhibitory factor
<b>ostta12g02485</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta12g02490</b>	DNA polymerase III, clamp loader complex, gamma/delta/delta subunit, C-terminal
<b>ostta12g02500</b>	2Fe-2S ferredoxin-type domain n/a 2Fe-2S ferredoxin-type domain
<b>ostta12g02520</b>	Regulator of K <sup>+</sup> conductance, N-terminal
<b>ostta12g02550</b>	Serine/threonine-protein kinase, active site
<b>ostta12g02570</b>	Protein of unknown function DUF974
<b>ostta12g02580</b>	CDP-alcohol phosphatidyltransferase
<b>ostta12g02610</b>	Shikimate dehydrogenase substrate binding, N-terminal
<b>ostta12g02620</b>	Zinc finger, RING/FYVE/PHD-type
<b>ostta12g02650</b>	Malic enzyme, NAD-binding
<b>ostta12g02690</b>	Protein of unknown function DUF1350
<b>ostta12g02700</b>	unnamed product
<b>ostta12g02740</b>	Cytochrome b5-like heme/steroid binding domain
<b>ostta12g02780</b>	MYB-CC type transcription factor, LHEQLE-containing domain
<b>ostta12g02900</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta12g02960</b>	Phosphoenolpyruvate carboxylase
<b>ostta12g02970</b>	Fumarate lyase, conserved site
<b>ostta12g03070</b>	Rab3 GTPase-activating protein catalytic subunit
<b>ostta12g03160</b>	Metallopeptidase, catalytic domain
<b>ostta12g03190</b>	Mitochondrial substrate/solute carrier n/a Mitochondrial substrate/solute carr
<b>ostta13g00030</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta13g00150</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta13g00160</b>	NAD-dependent epimerase/dehydratase
<b>ostta13g00180</b>	unnamed product
<b>ostta13g00190</b>	' Pyridoxamine 5"-phosphate oxidase, probable FMN-dependent, Alr4036 family'
<b>ostta13g00200</b>	unnamed product
<b>ostta13g00330</b>	Thioredoxin-like fold
<b>ostta13g00390</b>	ER membrane protein complex subunit 1
<b>ostta13g00420</b>	Protein of unknown function UPF0301
<b>ostta13g00430</b>	Tetratricopeptide-like helical

<b>ostta13g00440</b>	Ankyrin repeat-containing domain
<b>ostta13g00450</b>	Mlo-related protein
<b>ostta13g00520</b>	DnaJ domain
<b>ostta13g00560</b>	unnamed product
<b>ostta13g00610</b>	unnamed product
<b>ostta13g00620</b>	IQ motif, EF-hand binding site
<b>ostta13g00640</b>	MORN motif
<b>ostta13g00650</b>	RmlC-like jelly roll fold
<b>ostta13g00660</b>	unnamed product
<b>ostta13g00820</b>	Serine/threonine-protein kinase, active site
<b>ostta13g00825</b>	HAD-like domain
<b>ostta13g00840</b>	unnamed product
<b>ostta13g00890</b>	Rubisco LS methyltransferase, substrate-binding domain
<b>ostta13g00920</b>	unnamed product
<b>ostta13g00930</b>	Phospholipase C, phosphatidylinositol-specific , X domain
<b>ostta13g00960</b>	unnamed product
<b>ostta13g01070</b>	Diacylglycerol acyltransferase
<b>ostta13g01180</b>	Glycosyl transferase, family 1
<b>ostta13g01190</b>	NUDIX hydrolase domain-like
<b>ostta13g01220</b>	unnamed product
<b>ostta13g01250</b>	unnamed product
<b>ostta13g01270</b>	unnamed product
<b>ostta13g01300</b>	Zinc finger, RING-CH-type
<b>ostta13g01330</b>	unnamed product
<b>ostta13g01350</b>	FERM/acyl-CoA-binding protein, 3-helical bundle
<b>ostta13g01375</b>	hypothetical protein
<b>ostta13g01390</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta13g01410</b>	unnamed product
<b>ostta13g01420</b>	Bile acid:sodium symporter
<b>ostta13g01430</b>	unnamed product
<b>ostta13g01490</b>	Pyridoxal phosphate-dependent transferase, major region, subdomain 1
<b>ostta13g01620</b>	unnamed product
<b>ostta13g01640</b>	WD40 repeat
<b>ostta13g01650</b>	Brf1-like TBP-binding

<b>ostta13g01680</b>	DNA photolyase, class 2
<b>ostta13g01690</b>	Nucleotide sugar dehydrogenase
<b>ostta13g01700</b>	AIR synthase-related protein, C-terminal domain
<b>ostta13g01850</b>	unnamed product
<b>ostta13g01880</b>	Serine/threonine-protein kinase, active site
<b>ostta13g01960</b>	Ankyrin repeat
<b>ostta13g01980</b>	EXTL2, alpha-1,4-N-acetylhexosaminyltransferase
<b>ostta13g02020</b>	Peptidase C2, calpain family
<b>ostta13g02050</b>	unnamed product
<b>ostta13g02080</b>	Expansin/pollen allergen, DPBB domain
<b>ostta13g02120</b>	ELYS-like domain
<b>ostta13g02150</b>	Zinc finger, PHD-type, conserved site
<b>ostta13g02170</b>	Chlorophyll a/b binding protein domain
<b>ostta13g02190</b>	Short-chain dehydrogenase/reductase SDR
<b>ostta13g02210</b>	unnamed product
<b>ostta13g02230</b>	Chaperonin TCP-1, conserved site
<b>ostta13g02270</b>	Creatinase
<b>ostta13g02340</b>	DENN domain
<b>ostta13g02370</b>	WD40 repeat
<b>ostta13g02480</b>	unnamed product
<b>ostta13g02510</b>	unnamed product
<b>ostta13g02580</b>	Radical SAM
<b>ostta13g02600</b>	Clathrin alpha-adaptin/coatomer adaptor, appendage, C-terminal subdomain n/a Cdaptin/coatomer subdomain
<b>ostta13g02610</b>	Derlin n/a Derlin
<b>ostta13g02790</b>	Arf GTPase activating protein
<b>ostta13g02850</b>	Protein kinase-like domain
<b>ostta13g02870</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta13g02910</b>	Chlorophyll a/b binding protein domain
<b>ostta13g03010</b>	AWS
<b>ostta13g03050</b>	Acyl-CoA N-acyltransferase
<b>ostta13g03090</b>	Radical SAM
<b>ostta14g00010</b>	Phospholipase C, phosphatidylinositol-specific, Y domain
<b>ostta14g00030</b>	Proteasome B-type subunit



<b>ostta14g00055</b>	n/a hypothetical protein
<b>ostta14g00080</b>	Succinate dehydrogenase/fumarate reductase, flavoprotein subunit
<b>ostta14g00100</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta14g00160</b>	Protein prenyltransferase, alpha subunit
<b>ostta14g00185</b>	Thioredoxin-like fold n/a Thioredoxin-like fold
<b>ostta14g00190</b>	SCL-interrupting locus protein
<b>ostta14g00200</b>	Rubisco LS methyltransferase, substrate-binding domain
<b>ostta14g00240</b>	unnamed product
<b>ostta14g00270</b>	GPI inositol-deacylase PGAP1-like
<b>ostta14g00300</b>	Splicing factor motif
<b>ostta14g00350</b>	EF-Hand 1, calcium-binding site
<b>ostta14g00430</b>	unnamed product
<b>ostta14g00460</b>	Cytochrome c-type biogenesis protein CcsA
<b>ostta14g00480</b>	unnamed product
<b>ostta14g00530</b>	Yos1-like
<b>ostta14g00590</b>	Ubiquitin-conjugating enzyme, E2
<b>ostta14g00610</b>	HAD-like domain
<b>ostta14g00620</b>	Ribosomal protein S4/S9, N-terminal
<b>ostta14g00630</b>	Thioredoxin-like fold
<b>ostta14g00730</b>	Nicotinamide N-methyltransferase-like
<b>ostta14g00790</b>	WD40/YVTN repeat-like-containing domain n/a WD40/YVTN repeat-like-containing d
<b>ostta14g00795</b>	NADP-binding domain n/a NADP-binding domain
<b>ostta14g00810</b>	Peptidyl-prolyl cis-trans isomerase, FKBP-type, domain n/a Peptidyl-prolyl cise, FKBP-type
<b>ostta14g00840</b>	Thioredoxin-like fold
<b>ostta14g00850</b>	Sister chromatid cohesion protein Dcc1
<b>ostta14g00880</b>	Ribosomal protein S18
<b>ostta14g00950</b>	Calcium/calmodulin-dependent/calcium-dependent protein kinase
<b>ostta14g01010</b>	Fructose-1,6-bisphosphatase class 1/Sedoheputulose-1,7-bisphosphatase
<b>ostta14g01020</b>	Protein of unknown function DUF3172
<b>ostta14g01075</b>	Adenosylcobalamin biosynthesis, ATP:cobIalamin adenosyltransferase-like n/a Ad biosynth
<b>ostta14g01150</b>	HAD-like domain n/a HAD-like domain
<b>ostta14g01160</b>	Domain of unknown function DUF1747
<b>ostta14g01210</b>	Carotene isomerase
<b>ostta14g01230</b>	4Fe-4S ferredoxin, iron-sulphur binding, conserved site

<b>ostta14g01250</b>	Ankyrin repeat n/a Ankyrin repeat
<b>ostta14g01260</b>	Protein of unknown function DUF3293
<b>ostta14g01280</b>	Peptidase C1A, papain C-terminal
<b>ostta14g01290</b>	Saccharopine dehydrogenase / Homospermidine synthase
<b>ostta14g01320</b>	Pectinacetylerase
<b>ostta14g01410</b>	SET domain
<b>ostta14g01435</b>	Domain of unknown function DUF296 n/a Domain of unknown function DUF296
<b>ostta14g01440</b>	Peptidase M41, FtsH extracellular
<b>ostta14g01485</b>	Ankyrin repeat n/a Ankyrin repeat
<b>ostta14g01510</b>	Hly-III-related
<b>ostta14g01520</b>	Translation elongation/initiation factor/Ribosomal, beta-barrel
<b>ostta14g01550</b>	Transcription factor CBF/NF-Y/archaeal histone n/a Transcription factor CBF/NFtone
<b>ostta14g01580</b>	Peptidase M32, carboxypeptidase Taq metallopeptidase
<b>ostta14g01635</b>	n/a hypothetical protein
<b>ostta14g01650</b>	EGF-like, conserved site
<b>ostta14g01660</b>	unnamed product
<b>ostta14g01665</b>	Tetratricopeptide repeat n/a Tetratricopeptide repeat
<b>ostta14g01680</b>	ABC transporter, conserved site n/a ABC transporter, conserved site
<b>ostta14g01740</b>	Armadillo-type fold
<b>ostta14g01770</b>	unnamed product
<b>ostta14g01780</b>	unnamed product
<b>ostta14g01800</b>	Actin-related protein 2 Arp2
<b>ostta14g01870</b>	Alpha-ketoglutarate-dependent dioxygenase AlkB-like
<b>ostta14g01880</b>	DNA-binding HORMA
<b>ostta14g01910</b>	Spore coat protein CotH
<b>ostta14g01930</b>	unnamed product
<b>ostta14g01980</b>	Methyltransferase type 11
<b>ostta14g01990</b>	Myc-type, basic helix-loop-helix bHLH domain
<b>ostta14g02000</b>	unnamed product
<b>ostta14g02030</b>	Pleckstrin homology-like domain
<b>ostta14g02050</b>	WASH complex subunit 7, N-terminal n/a WASH complex subunit 7, N-terminal
<b>ostta14g02130</b>	Arf GTPase activating protein
<b>ostta14g02150</b>	MIF4-like, type 1/2/3
<b>ostta14g02210</b>	Nucleoporin, Nup133/Nup155-like, C-terminal

<b>ostta14g02280</b>	Major facilitator superfamily domain, general substrate transporter
<b>ostta14g02340</b>	Mitochondrial substrate/solute carrier
<b>ostta14g02360</b>	RmlC-like jelly roll fold
<b>ostta14g02380</b>	unnamed product
<b>ostta14g02400</b>	Small GTPase superfamily, ARF/SAR type
<b>ostta14g02410</b>	Platelet-activating factor acetylhydrolase n/a Platelet-activating factor acet
<b>ostta14g02440</b>	unnamed product
<b>ostta14g02490</b>	WD40/YVTN repeat-like-containing domain n/a WD40/YVTN repeat-like-containing d
<b>ostta14g02510</b>	GPI mannosyltransferase
<b>ostta14g02540</b>	Cation/H <sup>+</sup> exchanger
<b>ostta14g02760</b>	Acyl-CoA N-acyltransferase
<b>ostta14g02810</b>	RNAPII transcription regulator C-terminal
<b>ostta14g02920</b>	Actin-related protein 2 Arp2
<b>ostta14g02930</b>	unnamed product
<b>ostta14g02935</b>	Zinc finger, C2H2-type matrin n/a Zinc finger, C2H2-type matrin
<b>ostta14g02945</b>	Ubiquitin-conjugating enzyme, active site n/a Ubiquitin-conjugating enzyme, ac
<b>ostta14g03000</b>	n/a unnamed product
<b>ostta14g03020</b>	PIH
<b>ostta14g03070</b>	unnamed product
<b>ostta15g00050</b>	Rubisco LS methyltransferase, substrate-binding domain n/a Rubisco LS methyltrtrate-bin
<b>ostta15g00150</b>	Nucleoside diphosphate kinase
<b>ostta15g00250</b>	Chaperone tailless complex polypeptide 1 TCP-1
<b>ostta15g00300</b>	K Homology domain, type 1 n/a K Homology domain, type 1
<b>ostta15g00310</b>	Low-density lipoprotein LDL receptor class A repeat
<b>ostta15g00470</b>	Protein translocase complex, SecE/Sec61-gamma subunit
<b>ostta15g00485</b>	NADH ubiquinone oxidoreductase, F subunit, iron sulphur binding n/a NADH ubiqutase,
<b>ostta15g00530</b>	Peptidase C13, legumain
<b>ostta15g00570</b>	Protein of unknown function DUF544 n/a Protein of unknown function DUF544
<b>ostta15g00590</b>	Zinc finger, RING-type, conserved site
<b>ostta15g00600</b>	unnamed product
<b>ostta15g00630</b>	Nucleoporin Nup120/160
<b>ostta15g00650</b>	Succinate dehydrogenase/fumarate reductase iron-sulphur protein
<b>ostta15g00780</b>	unnamed product
<b>ostta15g00820</b>	Abscisic acid G-protein coupled receptor-like domain

<b>ostta15g00890</b>	Protein-tyrosine/Dual specificity phosphatase
<b>ostta15g00920</b>	JmjC domain
<b>ostta15g00970</b>	Peptidase S24/S26A/S26B/S26C, beta-ribbon domain
<b>ostta15g00980</b>	Armadillo-type fold
<b>ostta15g01040</b>	unnamed product
<b>ostta15g01080</b>	NUDIX hydrolase, conserved site n/a NUDIX hydrolase, conserved site
<b>ostta15g01150</b>	unnamed product
<b>ostta15g01170</b>	Ribosomal protein L9, C-terminal n/a Ribosomal protein L9, C-terminal
<b>ostta15g01190</b>	n/a unnamed product
<b>ostta15g01220</b>	Helicase, C-terminal
<b>ostta15g01260</b>	DIRP
<b>ostta15g01290</b>	Protein of unknown function DUF3228
<b>ostta15g01310</b>	unnamed product
<b>ostta15g01330</b>	Major facilitator superfamily domain, general substrate transporter
<b>ostta15g01340</b>	S-formylglutathione hydrolase
<b>ostta15g01350</b>	Alcohol dehydrogenase superfamily, zinc-type
<b>ostta15g01440</b>	Basic-leucine zipper domain n/a Basic-leucine zipper domain
<b>ostta15g01520</b>	Vacuolar protein sorting-associated protein 13A N-terminal domain
<b>ostta15g01540</b>	unnamed product
<b>ostta15g01580</b>	unnamed product
<b>ostta15g01630</b>	Nucleotidyltransferase, class I, C-terminal-like
<b>ostta15g01680</b>	Urease accessory protein UreD
<b>ostta15g01690</b>	[NiFe]-hydrogenase/urease maturation factor, Ni <sup>2</sup> -binding GTPase
<b>ostta15g01750</b>	MIF4-like, type 1/2/3
<b>ostta15g01770</b>	Triose-phosphate transporter domain
<b>ostta15g01790</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta15g01860</b>	Vacuolar protein sorting-associate protein Vta1/Callose synthase, N-terminal do
<b>ostta15g01930</b>	Monothiol glutaredoxin-related
<b>ostta15g01950</b>	Armadillo-type fold
<b>ostta15g02000</b>	Thioredoxin-like fold
<b>ostta15g02020</b>	Translocon Sec61/SecY, plug domain
<b>ostta15g02030</b>	Sec20
<b>ostta15g02040</b>	unnamed product
<b>ostta15g02050</b>	unnamed product

<b>ostta15g02060</b>	WD40 repeat
<b>ostta15g02070</b>	Inositol monophosphatase, metal-binding site n/a Inositol monophosphatase, met
<b>ostta15g02120</b>	DnaJ domain n/a DnaJ domain
<b>ostta15g02140</b>	unnamed product
<b>ostta15g02150</b>	Winged helix-turn-helix DNA-binding domain
<b>ostta15g02170</b>	SANT/Myb domain
<b>ostta15g02250</b>	Monooxygenase, FAD-binding
<b>ostta15g02370</b>	Armadillo-type fold
<b>ostta15g02460</b>	Type I phosphodiesterase/nucleotide pyrophosphatase/phosphate transferase Typterase/nuc Type I phosphodiesterase/nucleotide pyrophosphatase/phosphate transferase Type I phosph pyrophosphatase/phosphate transferase n/a Type I phosphodiesterase/nucleotide pyrophosph phosphodiesterase/nucleotide pyrophosphatase/phosphate transferase n/a Type I phosphodie transfer
<b>ostta15g02475</b>	n/a hypothetical protein
<b>ostta15g02490</b>	Peroxin-3
<b>ostta15g02510</b>	Lipopolysaccharide-modifying protein
<b>ostta15g02530</b>	Protein of unknown function DUF3743
<b>ostta15g02590</b>	unnamed product
<b>ostta15g02730</b>	Tetratricopeptide repeat
<b>ostta15g02760</b>	Multiprotein bridging factor 1, N-terminal n/a Multiprotein bridging factor 1,
<b>ostta15g02770</b>	unnamed product
<b>ostta15g02780</b>	Defective-in-cullin neddylation protein
<b>ostta15g02795</b>	PDZ domain n/a PDZ domain
<b>ostta15g02860</b>	Protein of unknown function DUF3419
<b>ostta16g00050</b>	Rubisco LS methyltransferase, substrate-binding domain
<b>ostta16g00080</b>	unnamed product
<b>ostta16g00110</b>	unnamed product
<b>ostta16g00120</b>	unnamed product
<b>ostta16g00160</b>	Heavy metal-associated domain, HMA
<b>ostta16g00170</b>	Calycin-like
<b>ostta16g00200</b>	Exocyst complex, component 1/SEC3 n/a Exocyst complex, component 1/SEC3
<b>ostta16g00310</b>	unnamed product
<b>ostta16g00320</b>	Peptidyl-prolyl cis-trans isomerase, FKBP-type, domain
<b>ostta16g00340</b>	Lipopolysaccharide-modifying protein
<b>ostta16g00360</b>	Zinc finger, PHD-finger
<b>ostta16g00380</b>	Methyltransferase type 11

<b>ostta16g00400</b>	Armadillo-type fold n/a Armadillo-type fold
<b>ostta16g00515</b>	GIY-YIG nuclease superfamily n/a GIY-YIG nuclease superfamily
<b>ostta16g00540</b>	CAAX amino terminal protease n/a CAAX amino terminal protease n/a CAAX amino se
<b>ostta16g00560</b>	Dihydrodipicolinate reductase, N-terminal
<b>ostta16g00570</b>	unnamed product
<b>ostta16g00580</b>	DNAJ-containing protein, X-domain n/a DNAJ-containing protein, X-domain
<b>ostta16g00660</b>	Violaxanthin de-epoxidase
<b>ostta16g00680</b>	unnamed product
<b>ostta16g00710</b>	Aminotransferases, class-I, pyridoxal-phosphate-binding site
<b>ostta16g00760</b>	UBA-like n/a UBA-like
<b>ostta16g00765</b>	Ubiquitin supergroup n/a Ubiquitin supergroup
<b>ostta16g00810</b>	Capsular polysaccharide synthesis
<b>ostta16g00900</b>	unnamed product
<b>ostta16g00970</b>	Zinc finger, C2H2
<b>ostta16g01080</b>	unnamed product
<b>ostta16g01100</b>	Glucose/ribitol dehydrogenase
<b>ostta16g01120</b>	Putative U6 snRNA phosphodiesterase
<b>ostta16g01190</b>	Enhancer of polycomb-like, N-terminal
<b>ostta16g01200</b>	DNA helicase DNA repair, Rad3 type
<b>ostta16g01255</b>	Plastid lipid-associated protein/fibrillin conserved domain n/a Plastid lipid-ein/fibrillin cons
<b>ostta16g01270</b>	Thiamin pyrophosphokinase, catalytic domain
<b>ostta16g01350</b>	Ribonuclease H-like domain n/a Ribonuclease H-like domain
<b>ostta16g01355</b>	n/a hypothetical protein
<b>ostta16g01390</b>	Alpha-D-phosphohexomutase, alpha/beta/alpha I/II/III
<b>ostta16g01420</b>	unnamed product
<b>ostta16g01520</b>	unnamed product
<b>ostta16g01530</b>	Dimeric alpha-beta barrel
<b>ostta16g01550</b>	Cobalamin vitamin B12 biosynthesis CbiX
<b>ostta16g01580</b>	Protein of unknown function DUF227
<b>ostta16g01640</b>	Leucine-rich repeat n/a Leucine-rich repeat
<b>ostta16g01800</b>	Cytochrome c oxidase, subunit VIa n/a Cytochrome c oxidase, subunit VIa
<b>ostta16g01820</b>	HSP40/DnaJ peptide-binding
<b>ostta16g01830</b>	SART-1 protein
<b>ostta16g01885</b>	Histone deacetylase superfamily n/a Histone deacetylase superfamily

<b>ostta16g01920</b>	Mog1/PsbP, alpha/beta/alpha sandwich
<b>ostta16g01940</b>	DNA mismatch repair protein MutS-homologue MSH6
<b>ostta16g01950</b>	Regulator of chromosome condensation, RCC1
<b>ostta16g01970</b>	Carbohydrate/puine kinase, PfkB, conserved site
<b>ostta16g02065</b>	Uncharacterised conserved protein UCP010045, transmembrane eukaryotic n/a Unchserve
<b>ostta16g02120</b>	EGF-like, conserved site
<b>ostta16g02130</b>	Concanavalin A-like lectin/glucanases superfamily
<b>ostta16g02140</b>	Ankyrin repeat
<b>ostta16g02160</b>	n/a unnamed product
<b>ostta16g02170</b>	unnamed product
<b>ostta16g02230</b>	Clathrin adaptor, mu subunit, C-terminal
<b>ostta16g02245</b>	Proteasome B-type subunit n/a Proteasome B-type subunit
<b>ostta16g02280</b>	Zinc finger, DHHC-type, palmitoyltransferase
<b>ostta16g02350</b>	DNA/RNA helicase, DEAD/DEAH box type, N-terminal n/a DNA/RNA helicase, DEAD/I
<b>ostta16g02390</b>	Zinc finger, C2H2-type matrin
<b>ostta16g02400</b>	Zinc finger, RING/FYVE/PHD-type
<b>ostta16g02440</b>	Histidine phosphatase superfamily, clade-1
<b>ostta16g02540</b>	Serine/threonine-protein kinase, active site
<b>ostta16g02550</b>	Regulator of chromosome condensation, RCC1
<b>ostta16g02570</b>	C2 calcium-dependent membrane targeting n/a C2 calcium-dependent membrane targ
<b>ostta16g02575</b>	Nicotinamide N-methyltransferase-like n/a Nicotinamide N-methyltransferase-lik
<b>ostta16g02600</b>	Tetratricopeptide repeat
<b>ostta16g02610</b>	NADH:ubiquinone oxidoreductase, 17.2kDa subunit
<b>ostta16g02630</b>	Alpha-ketoglutarate-dependent dioxygenase AlkB-like
<b>ostta16g02660</b>	Amino acid transporter, transmembrane
<b>ostta16g02670</b>	n/a unnamed product
<b>ostta16g02675</b>	n/a hypothetical protein
<b>ostta16g02677</b>	n/a hypothetical protein
<b>ostta17g00040</b>	unnamed product
<b>ostta17g00120</b>	Oxoglutarate/iron-dependent dioxygenase
<b>ostta17g00170</b>	Multi antimicrobial extrusion protein n/a Multi antimicrobial extrusion protei
<b>ostta17g00240</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta17g00260</b>	Peptidyl-prolyl cis-trans isomerase, FKBP-type, domain
<b>ostta17g00280</b>	Ovarian tumour, otubain n/a Ovarian tumour, otubain

<b>ostta17g00290</b>	Chromate transporter, long chain
<b>ostta17g00350</b>	Plant transcription factor
<b>ostta17g00440</b>	unnamed product
<b>ostta17g00450</b>	Homeobox KN domain
<b>ostta17g00470</b>	UAA transporter
<b>ostta17g00510</b>	Arsenite methyltransferase
<b>ostta17g00520</b>	unnamed product
<b>ostta17g00540</b>	YjeF C-terminal domain, carbohydrate kinase-related
<b>ostta17g00650</b>	Palmitoyl protein thioesterase
<b>ostta17g00660</b>	unnamed product
<b>ostta17g00730</b>	unnamed product
<b>ostta17g00740</b>	START-like domain
<b>ostta17g00750</b>	unnamed product
<b>ostta17g00760</b>	unnamed product
<b>ostta17g00810</b>	unnamed product
<b>ostta17g00860</b>	Streptomyces cyclase/dehydrase
<b>ostta17g00890</b>	WD40 repeat
<b>ostta17g00910</b>	Mitochondrial inner membrane translocase subunit Tim17/Tim22/Tim23/peroxisomal
<b>ostta17g01000</b>	Cytochrome c/c1 haem-lyase
<b>ostta17g01010</b>	6-phosphogluconolactonase, DevB-type
<b>ostta17g01030</b>	Putative ParB-like nuclease n/a Putative ParB-like nuclease
<b>ostta17g01035</b>	Cytochrome c-like domain n/a Cytochrome c-like domain
<b>ostta17g01060</b>	PUB domain
<b>ostta17g01090</b>	unnamed product
<b>ostta17g01190</b>	unnamed product
<b>ostta17g01255</b>	Rubredoxin-type fold n/a Rubredoxin-type fold
<b>ostta17g01280</b>	Transaldolase
<b>ostta17g01300</b>	K homology domain, prokaryotic type
<b>ostta17g01330</b>	unnamed product
<b>ostta17g01470</b>	unnamed product
<b>ostta17g01500</b>	Ubiquitin supergroup
<b>ostta17g01610</b>	DNA gyrase/topoisomerase IV, subunit A, C-terminal beta-pinwheel
<b>ostta17g01650</b>	Cytochrome c1, transmembrane anchor, C-terminal
<b>ostta17g01710</b>	Cyclophilin-like peptidyl-prolyl cis-trans isomerase domain



<b>ostta17g01740</b>	unnamed product
<b>ostta17g01760</b>	Eukaryotic translation initiation factor SUI1
<b>ostta17g01820</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta17g01830</b>	SNF2-related
<b>ostta17g01835</b>	Septum formation topological specificity factor MinE n/a Septum formation topocity factor
<b>ostta17g01850</b>	PAN-1 domain
<b>ostta17g01885</b>	Sulfotransferase n/a Sulfotransferase
<b>ostta17g01895</b>	n/a hypothetical protein
<b>ostta17g01960</b>	Nucleotide-diphospho-sugar transferase
<b>ostta17g01970</b>	Sulfotransferase
<b>ostta17g01980</b>	Sulfotransferase
<b>ostta17g02005</b>	n/a hypothetical protein
<b>ostta17g02007</b>	Ankyrin repeat n/a Ankyrin repeat
<b>ostta17g02030</b>	Heat shock protein 70 family n/a Heat shock protein 70 family
<b>ostta17g02185</b>	Armadillo-type fold n/a Armadillo-type fold
<b>ostta17g02250</b>	Protein of unknown function DUF819
<b>ostta17g02300</b>	DeoxyUTP pyrophosphatase, dUTPase subfamily n/a DeoxyUTP pyrophosphatase, dUTP
<b>ostta17g02360</b>	Glutamine amidotransferase subunit PdxT n/a Glutamine amidotransferase subunit
<b>ostta17g02365</b>	CRAL-TRIO domain n/a CRAL-TRIO domain
<b>ostta18g00290</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta18g00320</b>	RAP domain n/a RAP domain
<b>ostta18g00390</b>	Nucleotide-diphospho-sugar transferase n/a Nucleotide-diphospho-sugar transfer
<b>ostta18g00420</b>	Inositol monophosphatase, conserved site n/a Inositol monophosphatase, conserv
<b>ostta18g00440</b>	unnamed product
<b>ostta18g00450</b>	tRNA-splicing endonuclease, subunit Sen54
<b>ostta18g00505</b>	n/a hypothetical protein
<b>ostta18g00510</b>	n/a unnamed product
<b>ostta18g00530</b>	PWWP
<b>ostta18g00555</b>	Male sterility, NAD-binding n/a Male sterility, NAD-binding
<b>ostta18g00600</b>	WASH complex, subunit CCDC53
<b>ostta18g00730</b>	Serine/threonine-protein kinase, active site n/a Serine/threonine-protein kina
<b>ostta18g00770</b>	unnamed product
<b>ostta18g00790</b>	Uncharacterised protein family UPF0172
<b>ostta18g00800</b>	unnamed product

<b>ostta18g00820</b>	2Fe-2S ferredoxin, iron-sulphur binding site
<b>ostta18g00840</b>	unnamed product
<b>ostta18g00860</b>	unnamed product
<b>ostta18g00880</b>	Glycosyl transferase, family 1
<b>ostta18g00950</b>	unnamed product
<b>ostta18g01020</b>	unnamed product
<b>ostta18g01040</b>	P-loop containing nucleoside triphosphate hydrolase
<b>ostta18g01080</b>	Ion transport 2
<b>ostta18g01130</b>	TRAPP III complex, Trs85
<b>ostta18g01190</b>	Acyl-CoA N-acyltransferase
<b>ostta18g01200</b>	Serine/threonine-protein kinase, active site
<b>ostta18g01260</b>	Uncharacterised protein family Ycf36
<b>ostta18g01270</b>	unnamed product
<b>ostta18g01280</b>	Cyclin A/B/D/E n/a Cyclin A/B/D/E
<b>ostta18g01350</b>	Mitochondrial substrate/solute carrier
<b>ostta18g01380</b>	Phosphopantetheine attachment site n/a Phosphopantetheine attachment site
<b>ostta18g01390</b>	Phosphoesterase domain
<b>ostta18g01400</b>	UV radiation resistance protein/autophagy-related protein 14
<b>ostta18g01450</b>	Bd3614-like deaminase N-terminal domain
<b>ostta18g01500</b>	Leucine carboxyl methyltransferase n/a Leucine carboxyl methyltransferase
<b>ostta18g01540</b>	PRC-barrel-like
<b>ostta18g01560</b>	unnamed product
<b>ostta18g01610</b>	Haem oxygenase-like
<b>ostta18g01735</b>	Ribosomal protein S21
<b>ostta18g01860</b>	Coproporphyrinogen III oxidase, aerobic
<b>ostta18g01910</b>	FMN-binding split barrel
<b>ostta18g01945</b>	HSP20-like chaperone
<b>ostta18g01947</b>	SLC41 divalent cation transporters, integral membrane domain
<b>ostta18g01960</b>	unnamed product
<b>ostta18g01980</b>	unnamed product
<b>ostta19g00035</b>	hypothetical protein n/a hypothetical protein
<b>ostta19g00140</b>	Triose-phosphate transporter domain
<b>ostta19g00165</b>	DDE superfamily endonuclease, CENP-B-like
<b>ostta19g00170</b>	Serine hydroxymethyltransferase

<b>ostta19g00200</b>	unnamed product
<b>ostta19g00220</b>	unnamed product
<b>ostta19g00230</b>	Alpha 1,4-glycosyltransferase domain
<b>ostta19g00250</b>	unnamed product
<b>ostta19g00310</b>	unnamed product
<b>ostta19g00320</b>	unnamed product
<b>ostta19g00350</b>	Methyltransferase domain
<b>ostta19g00380</b>	unnamed product
<b>ostta19g00385</b>	Harbinger transposase-derived nuclease domain
<b>ostta19g00395</b>	Reverse transcriptase, RNA-dependent DNA polymerase
<b>ostta19g00440</b>	unnamed product
<b>ostta19g00520</b>	Polyketide cyclase SnoaL-like domain
<b>ostta19g00540</b>	unnamed product
<b>ostta19g00570</b>	unnamed product
<b>ostta20g00010</b>	Ankyrin repeat
<b>ostta20g00035</b>	hypothetical protein
<b>ostta20g00050</b>	Thioredoxin-like fold
<b>ostta20g00060</b>	Heat shock transcription factor family
<b>ostta20g00110</b>	Peptidase M24, methionine aminopeptidase
<b>ostta20g00170</b>	Phytanoyl-CoA dioxygenase
<b>ostta20g00180</b>	Serine/threonine-protein kinase, active site
<b>ostta20g00300</b>	Translation elongation/initiation factor/Ribosomal, beta-barrel
<b>ostta20g00330</b>	Mediator complex, subunit Med31
<b>ostta20g00370</b>	Leo1-like protein
<b>ostta20g00420</b>	Thioredoxin-like fold
<b>ostta20g00430</b>	Uncharacterised domain UPF0126
<b>ostta20g00500</b>	Major facilitator superfamily domain, general substrate transporter
<b>ostta20g00530</b>	unnamed product
<b>ostta20g00610</b>	Immunoglobulin-like fold
<b>ostta20g00660</b>	unnamed product
<b>ostta20g00680</b>	Flavin amine oxidase
<b>ostta20g00730</b>	Translation elongation/initiation factor/Ribosomal, beta-barrel n/a
<b>ostta20g00750</b>	Sphingomyelin phosphodiesterase 4
<b>ostta20g00760</b>	unnamed product

<b>ostta20g00770</b>	Histone deacetylase superfamily
<b>ostta20g00800</b>	CRC domain
<b>ostta20g00840</b>	Fatty acid hydroxylase
<b>ostta20g00870</b>	Tetratricopeptide repeat
<b>ostta20g00890</b>	Molybdenum cofactor biosynthesis, MoeB
<b>ostta20g00940</b>	Chlorophyll A-B binding protein