

Stage	GO Name
1.5mmF vs 1.5mmS	nucleotide binding
1.5mmF vs 1.5mmS	nucleic acid binding
1.5mmF vs 1.5mmS	nucleic acid binding
1.5mmF vs 1.5mmS	nucleic acid binding
1.5mmF vs 1.5mmS	nucleic acid binding
1.5mmF vs 1.5mmS	DNA binding
1.5mmF vs 1.5mmS	DNA binding
1.5mmF vs 1.5mmS	DNA binding
1.5mmF vs 1.5mmS	DNA binding
1.5mmF vs 1.5mmS	DNA binding
1.5mmF vs 1.5mmS	DNA binding
1.5mmF vs 1.5mmS	RNA binding
1.5mmF vs 1.5mmS	RNA binding
1.5mmF vs 1.5mmS	catalytic activity
1.5mmF vs 1.5mmS	nuclease activity
1.5mmF vs 1.5mmS	transporter activity
1.5mmF vs 1.5mmS	transporter activity
1.5mmF vs 1.5mmS	transporter activity
1.5mmF vs 1.5mmS	transporter activity
1.5mmF vs 1.5mmS	protein binding
1.5mmF vs 1.5mmS	protein binding
1.5mmF vs 1.5mmS	protein binding
1.5mmF vs 1.5mmS	carbohydrate metabolic process
1.5mmF vs 1.5mmS	carbohydrate metabolic process
1.5mmF vs 1.5mmS	carbohydrate metabolic process
1.5mmF vs 1.5mmS	nucleobase, nucleoside, nucleotide and nucleic acid metabolic process

1.5mmF vs 1.5mmS	nucleobase, nucleoside, nucleotide and nucleic acid metabolic process
1.5mmF vs 1.5mmS	translation
1.5mmF vs 1.5mmS	transport
1.5mmF vs 1.5mmS	response to stress
1.5mmF vs 1.5mmS	signal transduction
1.5mmF vs 1.5mmS	signal transduction
1.5mmF vs 1.5mmS	lipid binding
1.5mmF vs 1.5mmS	response to abiotic stimulus
1.5mmF vs 1.5mmS	photosynthesis
1.5mmF vs 1.5mmS	photosynthesis
1.5mmF vs 1.5mmS	photosynthesis
1.5mmF vs 1.5mmS	kinase activity
1.5mmF vs 1.5mmS	kinase activity
1.5mmF vs 1.5mmS	kinase activity
1.5mmF vs 1.5mmS	transferase activity
1.5mmF vs 1.5mmS	hydrolase activity
1.5mmF vs 1.5mmS	protein metabolic process
1.5mmF vs 1.5mmS	protein metabolic process
1.5mmF vs 1.5mmS	protein metabolic process
1.5mmF vs 1.5mmS	protein metabolic process
1.5mmF vs 1.5mmS	respiratory electron transport chain
1.5mmF vs 1.5mmS	respiratory electron transport chain
1.5mmF vs 1.5mmS	enzyme regulator activity
1.5mmF vs 2mmF	nucleotide binding



1.5mmF vs 2mmF	translation
1.5mmF vs 2mmF	transport
1.5mmF vs 2mmF	response to stress
1.5mmF vs 2mmF	response to stress
1.5mmF vs 2mmF	signal transduction
1.5mmF vs 2mmF	signal transduction
1.5mmF vs 2mmF	translation factor activity, nucleic acid binding
1.5mmF vs 2mmF	lipid binding
1.5mmF vs 2mmF	response to abiotic stimulus
1.5mmF vs 2mmF	response to abiotic stimulus
1.5mmF vs 2mmF	photosynthesis
1.5mmF vs 2mmF	photosynthesis
1.5mmF vs 2mmF	kinase activity
1.5mmF vs 2mmF	kinase activity
1.5mmF vs 2mmF	transferase activity
1.5mmF vs 2mmF	transferase activity
1.5mmF vs 2mmF	hydrolase activity
1.5mmF vs 2mmF	hydrolase activity
1.5mmF vs 2mmF	hydrolase activity
1.5mmF vs 2mmF	protein metabolic process
1.5mmF vs 2mmF	protein metabolic process
1.5mmF vs 2mmF	protein metabolic process
1.5mmF vs 2mmF	protein metabolic process
1.5mmF vs 2mmF	protein metabolic process
1.5mmF vs 2mmF	protein metabolic process
1.5mmF vs 2mmF	respiratory electron transport chain
1.5mmF vs 2mmF	enzyme regulator activity
1.5mmF vs 2mmF	enzyme regulator activity
1.5mmS vs 1.5mmF	reproduction
1.5mmS vs 1.5mmF	nucleotide binding
1.5mmS vs 1.5mmF	nucleotide binding



1.5mmS vs 1.5mmF	transport
1.5mmS vs 1.5mmF	transport
1.5mmS vs 1.5mmF	transport
1.5mmS vs 1.5mmF	response to stress
1.5mmS vs 1.5mmF	response to stress
1.5mmS vs 1.5mmF	response to stress
1.5mmS vs 1.5mmF	response to stress
1.5mmS vs 1.5mmF	signal transduction
1.5mmS vs 1.5mmF	signal transduction
1.5mmS vs 1.5mmF	signal transduction
1.5mmS vs 1.5mmF	translation factor activity, nucleic acid binding
1.5mmS vs 1.5mmF	lipid binding
1.5mmS vs 1.5mmF	response to abiotic stimulus
1.5mmS vs 1.5mmF	response to abiotic stimulus
1.5mmS vs 1.5mmF	response to abiotic stimulus
1.5mmS vs 1.5mmF	photosynthesis
1.5mmS vs 1.5mmF	transferase activity
1.5mmS vs 1.5mmF	hydrolase activity
1.5mmS vs 1.5mmF	hydrolase activity
1.5mmS vs 1.5mmF	hydrolase activity
1.5mmS vs 1.5mmF	hydrolase activity
1.5mmS vs 1.5mmF	protein metabolic process
1.5mmS vs 1.5mmF	protein metabolic process
1.5mmS vs 1.5mmF	protein metabolic process
1.5mmS vs 1.5mmF	protein metabolic process
1.5mmS vs 1.5mmF	carbohydrate binding
1.5mmS vs 2mmS	nucleotide binding
1.5mmS vs 2mmS	nucleotide binding
1.5mmS vs 2mmS	nucleotide binding
1.5mmS vs 2mmS	nucleotide binding
1.5mmS vs 2mmS	nucleic acid binding
1.5mmS vs 2mmS	nucleic acid binding
1.5mmS vs 2mmS	DNA binding
1.5mmS vs 2mmS	RNA binding
1.5mmS vs 2mmS	catalytic activity
1.5mmS vs 2mmS	transporter activity
1.5mmS vs 2mmS	transporter activity
1.5mmS vs 2mmS	transporter activity
1.5mmS vs 2mmS	protein binding
1.5mmS vs 2mmS	protein binding
1.5mmS vs 2mmS	protein binding
1.5mmS vs 2mmS	carbohydrate metabolic process

1.5mmS vs 2mmS	nucleobase, nucleoside, nucleotide and nucleic acid metabolic process
1.5mmS vs 2mmS	nucleobase, nucleoside, nucleotide and nucleic acid metabolic process
1.5mmS vs 2mmS	DNA metabolic process
1.5mmS vs 2mmS	transcription
1.5mmS vs 2mmS	transcription
1.5mmS vs 2mmS	translation
1.5mmS vs 2mmS	lipid metabolic process
1.5mmS vs 2mmS	transport
1.5mmS vs 2mmS	response to stress
1.5mmS vs 2mmS	response to stress
1.5mmS vs 2mmS	signal transduction
1.5mmS vs 2mmS	response to abiotic stimulus
1.5mmS vs 2mmS	transferase activity
1.5mmS vs 2mmS	hydrolase activity
1.5mmS vs 2mmS	hydrolase activity
1.5mmS vs 2mmS	hydrolase activity
1.5mmS vs 2mmS	hydrolase activity
1.5mmS vs 2mmS	protein metabolic process
1.5mmS vs 2mmS	protein metabolic process
1.5mmS vs 2mmS	enzyme regulator activity
2mmF vs 1.5mmF	reproduction
2mmF vs 1.5mmF	nucleotide binding
2mmF vs 1.5mmF	nucleic acid binding
2mmF vs 1.5mmF	nucleic acid binding
2mmF vs 1.5mmF	DNA binding
2mmF vs 1.5mmF	DNA binding
2mmF vs 1.5mmF	DNA binding
2mmF vs 1.5mmF	RNA binding
2mmF vs 1.5mmF	catalytic activity

2mmF vs 1.5mmF	catalytic activity
2mmF vs 1.5mmF	catalytic activity
2mmF vs 1.5mmF	transporter activity
2mmF vs 1.5mmF	transporter activity
2mmF vs 1.5mmF	transporter activity
2mmF vs 1.5mmF	protein binding
2mmF vs 1.5mmF	carbohydrate metabolic process
2mmF vs 1.5mmF	carbohydrate metabolic process
2mmF vs 1.5mmF	transcription
2mmF vs 1.5mmF	transcription
2mmF vs 1.5mmF	translation
2mmF vs 1.5mmF	lipid metabolic process
2mmF vs 1.5mmF	transport
2mmF vs 1.5mmF	response to stress
2mmF vs 1.5mmF	response to stress
2mmF vs 1.5mmF	response to stress
2mmF vs 1.5mmF	response to stress
2mmF vs 1.5mmF	signal transduction
2mmF vs 1.5mmF	signal transduction
2mmF vs 1.5mmF	signal transduction
2mmF vs 1.5mmF	translation factor activity, nucleic acid binding
2mmF vs 1.5mmF	lipid binding
2mmF vs 1.5mmF	response to abiotic stimulus
2mmF vs 1.5mmF	response to abiotic stimulus
2mmF vs 1.5mmF	response to abiotic stimulus
2mmF vs 1.5mmF	photosynthesis

2mmF vs 1.5mmF	photosynthesis
2mmF vs 1.5mmF	photosynthesis
2mmF vs 1.5mmF	photosynthesis
2mmF vs 1.5mmF	transferase activity
2mmF vs 1.5mmF	hydrolase activity
2mmF vs 1.5mmF	hydrolase activity
2mmF vs 1.5mmF	hydrolase activity
2mmF vs 1.5mmF	hydrolase activity
2mmF vs 1.5mmF	protein metabolic process
2mmF vs 1.5mmF	protein metabolic process
2mmF vs 1.5mmF	protein metabolic process
2mmF vs 1.5mmF	protein metabolic process
2mmF vs 1.5mmF	carbohydrate binding
2mmF vs 2mmS	nucleotide binding
2mmF vs 2mmS	nucleotide binding
2mmF vs 2mmS	nucleotide binding
2mmF vs 2mmS	nucleotide binding
2mmF vs 2mmS	nucleotide binding
2mmF vs 2mmS	nucleotide binding
2mmF vs 2mmS	nucleotide binding
2mmF vs 2mmS	RNA binding
2mmF vs 2mmS	catalytic activity
2mmF vs 2mmS	transporter activity
2mmF vs 2mmS	transporter activity
2mmF vs 2mmS	transporter activity
2mmF vs 2mmS	transporter activity
2mmF vs 2mmS	transporter activity
2mmF vs 2mmS	transporter activity
2mmF vs 2mmS	protein binding
2mmF vs 2mmS	carbohydrate metabolic process
2mmF vs 2mmS	carbohydrate metabolic process
2mmF vs 2mmS	carbohydrate metabolic process
2mmF vs 2mmS	nucleobase, nucleoside, nucleotide and nucleic acid metabolic process
2mmF vs 2mmS	transcription

2mmF vs 2mmS	transcription
2mmF vs 2mmS	transcription
2mmF vs 2mmS	translation
2mmF vs 2mmS	lipid metabolic process
2mmF vs 2mmS	transport
2mmF vs 2mmS	response to stress
2mmF vs 2mmS	response to stress
2mmF vs 2mmS	signal transduction
2mmF vs 2mmS	translation factor activity, nucleic acid binding
2mmF vs 2mmS	response to abiotic stimulus
2mmF vs 2mmS	response to abiotic stimulus
2mmF vs 2mmS	photosynthesis
2mmF vs 2mmS	photosynthesis
2mmF vs 2mmS	photosynthesis
2mmF vs 2mmS	transferase activity
2mmF vs 2mmS	hydrolase activity
2mmF vs 2mmS	hydrolase activity
2mmF vs 2mmS	hydrolase activity
2mmF vs 2mmS	hydrolase activity
2mmF vs 2mmS	hydrolase activity
2mmF vs 2mmS	protein metabolic process
2mmF vs 2mmS	protein metabolic process
2mmS vs 1.5mmS	reproduction
2mmS vs 1.5mmS	nucleotide binding



2mmS vs 1.5mmS	nuclease activity
2mmS vs 1.5mmS	transporter activity
2mmS vs 1.5mmS	transporter activity
2mmS vs 1.5mmS	transporter activity
2mmS vs 1.5mmS	transporter activity
2mmS vs 1.5mmS	transporter activity
2mmS vs 1.5mmS	transporter activity
2mmS vs 1.5mmS	protein binding
2mmS vs 1.5mmS	carbohydrate metabolic process
2mmS vs 1.5mmS	carbohydrate metabolic process
2mmS vs 1.5mmS	carbohydrate metabolic process
2mmS vs 1.5mmS	carbohydrate metabolic process
2mmS vs 1.5mmS	carbohydrate metabolic process
2mmS vs 1.5mmS	nucleobase, nucleoside, nucleotide and nucleic acid metabolic process
2mmS vs 1.5mmS	nucleobase, nucleoside, nucleotide and nucleic acid metabolic process
2mmS vs 1.5mmS	transcription
2mmS vs 1.5mmS	transcription
2mmS vs 1.5mmS	translation
2mmS vs 1.5mmS	transport
2mmS vs 1.5mmS	transport
2mmS vs 1.5mmS	transport

2mmS vs 1.5mmS	transport
2mmS vs 1.5mmS	response to stress
2mmS vs 1.5mmS	response to stress
2mmS vs 1.5mmS	response to stress
2mmS vs 1.5mmS	signal transduction
2mmS vs 1.5mmS	translation factor activity, nucleic acid binding
2mmS vs 1.5mmS	lipid binding
2mmS vs 1.5mmS	lipid binding
2mmS vs 1.5mmS	response to abiotic stimulus
2mmS vs 1.5mmS	response to abiotic stimulus
2mmS vs 1.5mmS	response to abiotic stimulus
2mmS vs 1.5mmS	photosynthesis
2mmS vs 1.5mmS	kinase activity
2mmS vs 1.5mmS	kinase activity
2mmS vs 1.5mmS	kinase activity
2mmS vs 1.5mmS	transferase activity
2mmS vs 1.5mmS	transferase activity
2mmS vs 1.5mmS	hydrolase activity
2mmS vs 1.5mmS	hydrolase activity
2mmS vs 1.5mmS	hydrolase activity
2mmS vs 1.5mmS	hydrolase activity
2mmS vs 1.5mmS	protein metabolic process





2mmS vs 2mmF	response to stress
2mmS vs 2mmF	response to stress
2mmS vs 2mmF	response to stress
2mmS vs 2mmF	response to stress
2mmS vs 2mmF	signal transduction
2mmS vs 2mmF	signal transduction
2mmS vs 2mmF	translation factor activity, nucleic acid binding
2mmS vs 2mmF	lipid binding
2mmS vs 2mmF	lipid binding
2mmS vs 2mmF	response to abiotic stimulus
2mmS vs 2mmF	response to abiotic stimulus
2mmS vs 2mmF	response to abiotic stimulus
2mmS vs 2mmF	photosynthesis
2mmS vs 2mmF	photosynthesis
2mmS vs 2mmF	kinase activity
2mmS vs 2mmF	kinase activity
2mmS vs 2mmF	transferase activity
2mmS vs 2mmF	transferase activity
2mmS vs 2mmF	hydrolase activity
2mmS vs 2mmF	hydrolase activity
2mmS vs 2mmF	hydrolase activity
2mmS vs 2mmF	hydrolase activity
2mmS vs 2mmF	protein metabolic process
2mmS vs 2mmF	protein metabolic process
2mmS vs 2mmF	protein metabolic process
2mmS vs 2mmF	protein metabolic process
2mmS vs 2mmF	protein metabolic process
2mmS vs 2mmF	protein metabolic process
2mmS vs 2mmF	protein metabolic process
2mmS vs 2mmF	protein metabolic process
2mmS vs 2mmF	respiratory electron transport chain
2mmS vs 2mmF	enzyme regulator activity
2mmS vs 2mmF	enzyme regulator activity
2mmS vs 2mmF	carbohydrate binding

GO ID	AccnNumber
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GO:0030234	GRMZM2G440968
GO:0030234	GRMZM2G030523
GO:0030246	GRMZM2G169184

InterPro Protein Name
Chaperonin Cpn10
Kinesin, motor region
Nucleoside diphosphate kinase, core
Armadillo
ADP-ribosylation factor
ADP-ribosylation factor
Paraneoplastic encephalomyelitis antigen
Alba, DNA/RNA-binding protein
3'-5' exonuclease
Alba, DNA/RNA-binding protein
Histone core
Histone core
High mobility group protein HMG14 and HMG17
Histone core
Histone core
Histone core
Paraneoplastic encephalomyelitis antigen
Ribosomal protein S5, C-terminal
Glyceraldehyde 3-phosphate dehydrogenase
Thioredoxin
BTB/POZ fold
Ribulose bisphosphate carboxylase, small chain
Glutaredoxin
ETC complex I subunit conserved region
Histidine triad (HIT) protein
Antifreeze protein, type I
Electron transport accessory protein
ETC complex I subunit
Peptidyl-prolyl cis-trans isomerase, PpiC-type
Histidine triad (HIT) protein
Glutaredoxin
Cytochrome bd ubiquinol oxidase, 14 kDa subunit
3'-5' exonuclease
Adenine nucleotide translocator 1
Mitochondrial import translocase, subunit Tom7
Glyceraldehyde 3-phosphate dehydrogenase
Cytochrome bd ubiquinol oxidase, 14 kDa subunit
Mitochondrial import translocase, subunit Tom7
Prefoldin
Clp, N-terminal
Glyceraldehyde 3-phosphate dehydrogenase
Phosphoglycerate kinase
Armadillo
Nucleoside diphosphate kinase, core

3'-5' exonuclease
Ribosomal protein S5, C-terminal
Ribosomal protein L37e
Ribosomal protein L11
Ribosomal protein L35Ae
Ribosomal protein L11
Nucleic acid-binding, OB-fold-like
KOW
Ribosomal protein L18, bacterial
Ribosomal protein 60S
Ribosomal protein L31e
Nucleic acid-binding, OB-fold-like
High mobility group-like nuclear protein
Bifunctional inhibitor/plant lipid transfer protein/seed storage
Kinesin, motor region
emp24/gp25L/p24
Adenine nucleotide translocator 1
Mitochondrial import translocase, subunit Tom7
Glyceraldehyde 3-phosphate dehydrogenase
ADP-ribosylation factor
ADP-ribosylation factor
Antifreeze protein, type I
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Bifunctional inhibitor/plant lipid transfer protein/seed storage
Antifreeze protein, type I
Electron transport accessory protein
Chlorophyll A-B binding protein
Mog1/PsbP/DUF1795, alpha/beta/alpha sandwich
Armadillo
Phosphoglycerate kinase
Nucleoside diphosphate kinase, core
Armadillo
D-tyrosyl-tRNA(Tyr) deacylase
Prefoldin
Peptidyl-prolyl cis-trans isomerase, FKBP-type
Chaperonin Cpn10
Clp, N-terminal
Cytochrome bd ubiquinol oxidase, 14 kDa subunit
ETC complex I subunit
Proteinase inhibitor I25, cystatin
Nucleoside diphosphate kinase, core
Armadillo
ADP-ribosylation factor
Chaperonin Cpn10

ADP-ribosylation factor
Alba, DNA/RNA-binding protein
Alba, DNA/RNA-binding protein
RNA recognition motif, RNP-1
High mobility group protein HMG14 and HMG17
Histone core
Histone core
Histone core
Proliferating cell nuclear antigen, PCNA
Histone core
Histone core
Histone core
Glutaredoxin
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ATPase, F0 complex, subunit G, mitochondrial
Mitochondrial import translocase, subunit Tom7
Adenine nucleotide translocator 1
Cytochrome bd ubiquinol oxidase, 14 kDa subunit
Nebulin
Clp, N-terminal
Mitochondrial import translocase, subunit Tom7
Peptidase S8 and S53, subtilisin, kexin, sedolisin
Prefoldin
Glycoside hydrolase, family 1, active site
Armadillo
Nucleoside diphosphate kinase, core
ATPase, F0 complex, subunit G, mitochondrial
Proliferating cell nuclear antigen, PCNA
RNA polymerase Rpb7, N-terminal
Ribosomal protein L18, bacterial
Antifreeze protein, type I
Ribosomal protein 60S
Ribosomal protein L31e
Eukaryotic initiation factor 5A hypusine (eIF-5A)
KOW

Ribosomal protein L11
Ribosomal protein L14, bacterial-type
Nucleic acid-binding, OB-fold-like
Ribosomal protein L35Ae
Ribosomal protein L15
Ribosomal protein 60S
Ribosomal protein S15, eukaryotic/archaeal
Ribosomal protein S8
Nucleic acid-binding, OB-fold-like
ATPase, F0 complex, subunit G, mitochondrial
Adenine nucleotide translocator 1
ADP-ribosylation factor
emp24/gp25L/p24
Bifunctional inhibitor/plant lipid transfer protein/seed storage
ADP-ribosylation factor
Mitochondrial import translocase, subunit Tom7
Antifreeze protein, type I
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Proteinase inhibitor I25, cystatin
Adenovirus fibre protein
Actin, conserved site
Chaperonin 21, chloroplast

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Chaperonin Cpn10
ADP-ribosylation factor
DEAD-like helicase, N-terminal
ADP-ribosylation factor
DEAD-like helicase, N-terminal
Paraneoplastic encephalomyelitis antigen
Cyclophilin-like
Helix-turn-helix type 3
DNA-binding TFAR19-related protein
Paraneoplastic encephalomyelitis antigen
Glyceraldehyde 3-phosphate dehydrogenase
Cyclophilin-like
Ribulose-phosphate 3-epimerase
Manganese and iron superoxide dismutase
Disulphide isomerase
ADP-ribosylation factor
Glutathione S-transferase, C-terminal
Glyceraldehyde 3-phosphate dehydrogenase
Acyl carrier protein (ACP)
ADP-ribosylation factor
Actin, conserved site
ADP-ribosylation factor
Antifreeze protein, type I
Clathrin adaptor, sigma subunit/coatomer, zeta subunit
14-3-3 protein
ADP-ribosylation factor
Glyceraldehyde 3-phosphate dehydrogenase
Ribulose-phosphate 3-epimerase
ADP-ribosylation factor
ADP-ribosylation factor
Ribosomal protein L18e
Glutathione S-transferase, C-terminal-like
Ribosomal protein L21e
Ribosomal protein S7
Ribosomal protein S6, eukaryotic
Ribosomal protein S24e
Acyl carrier protein (ACP)
ADP-ribosylation factor
Glyceraldehyde 3-phosphate dehydrogenase
ADP-ribosylation factor
Clathrin adaptor, sigma subunit/coatomer, zeta subunit
Disulphide isomerase
Glutathione S-transferase, C-terminal

Bifunctional inhibitor/plant lipid transfer protein/seed storage
ADP-ribosylation factor
Heavy metal transport/detoxification protein
Universal stress protein A
Antifreeze protein, type I
Antifreeze protein, type I
Late embryogenesis abundant protein 2
ADP-ribosylation factor
ADP-ribosylation factor
ADP-ribosylation factor
Glutathione S-transferase, C-terminal-like
Bifunctional inhibitor/plant lipid transfer protein/seed storage
Antifreeze protein, type I
Antifreeze protein, type I
Late embryogenesis abundant protein 2
Chlorophyll A-B binding protein
Antifreeze protein, type I
Photosystem II protein PsbR
Photosystem I reaction centre subunit VI
Ubiquitous surface protein
ADP-ribosylation factor
ADP-ribosylation factor
DEAD-like helicase, N-terminal
ADP-ribosylation factor
Chaperonin 21, chloroplast
Chaperonin Cpn10
Peptidyl-prolyl cis-trans isomerase, FKBP-type
Chaperonin 21, chloroplast
Carbohydrate-binding-like fold
ADP-ribosylation factor
Chaperonin Cpn10
Actin, conserved site
DEAD-like helicase, N-terminal
DEAD-like helicase, N-terminal
Paraneoplastic encephalomyelitis antigen
Proliferating cell nuclear antigen, PCNA
Paraneoplastic encephalomyelitis antigen
Thioredoxin
ATPase, F0 complex, subunit G, mitochondrial
Acyl carrier protein (ACP)
ATPase, V1 complex, subunit F, eukaryotic
Nebulin
ADP-ribosylation factor
Actin, conserved site
Glycoside hydrolase, family 1, active site

ATPase, V1 complex, subunit F, eukaryotic
ATPase, F0 complex, subunit G, mitochondrial
Proliferating cell nuclear antigen, PCNA
ADP-ribosylation factor
RNA polymerase Rpb7, N-terminal
High mobility group-like nuclear protein
Ribosomal protein L14, bacterial-type
Ribosomal protein S8
Ribosomal protein 60S
Acyl carrier protein (ACP)
ATPase, F0 complex, subunit G, mitochondrial
Longin-like
ATPase, V1 complex, subunit F, eukaryotic
ADP-ribosylation factor
Antifreeze protein, type I
Universal stress protein A
ADP-ribosylation factor
Antifreeze protein, type I
RNA polymerase Rpb7, N-terminal
ATPase, V1 complex, subunit F, eukaryotic
DEAD-like helicase, N-terminal
Glycoside hydrolase, family 1, active site
ADP-ribosylation factor
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Chaperonin Cpn10
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DEAD-like helicase, N-terminal
ADP-ribosylation factor
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Chaperonin Cpn10
Chaperonin 21, chloroplast
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ADP-ribosylation factor
Actin, conserved site
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DEAD-like helicase, N-terminal
Cyclophilin-like
Helix-turn-helix type 3
DNA-binding TFAR19-related protein
Paraneoplastic encephalomyelitis antigen
Cyclophilin-like
ADP-ribosylation factor
Manganese and iron superoxide dismutase
Disulphide isomerase

Glyceraldehyde 3-phosphate dehydrogenase
Ribulose-phosphate 3-epimerase
Glutathione S-transferase, C-terminal
Acyl carrier protein (ACP)
Glyceraldehyde 3-phosphate dehydrogenase
ADP-ribosylation factor
Antifreeze protein, type I
Clathrin adaptor, sigma subunit/coatomer, zeta subunit
Actin, conserved site
14-3-3 protein
ADP-ribosylation factor
ADP-ribosylation factor
Glyceraldehyde 3-phosphate dehydrogenase
Ribulose-phosphate 3-epimerase
ADP-ribosylation factor
ADP-ribosylation factor
Glutathione S-transferase, C-terminal-like
Ribosomal protein S6, eukaryotic
Ribosomal protein L21e
Ribosomal protein L18e
Ribosomal protein S24e
Ribosomal protein S7
Acyl carrier protein (ACP)
Bifunctional inhibitor/plant lipid transfer protein/seed storage
Disulphide isomerase
Glyceraldehyde 3-phosphate dehydrogenase
ADP-ribosylation factor
Glutathione S-transferase, C-terminal
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Clathrin adaptor, sigma subunit/coatomer, zeta subunit
Antifreeze protein, type I
Antifreeze protein, type I
Universal stress protein A
Late embryogenesis abundant protein 2
ADP-ribosylation factor
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ADP-ribosylation factor
Glutathione S-transferase, C-terminal-like
Bifunctional inhibitor/plant lipid transfer protein/seed storage
Antifreeze protein, type I
Antifreeze protein, type I
Late embryogenesis abundant protein 2
Photosystem I reaction centre subunit VI

Antifreeze protein, type I
Photosystem II protein PsbR
Chlorophyll A-B binding protein
Ubiquitous surface protein
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Clathrin adaptor, sigma subunit/coatomer, zeta subunit
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ADP-ribosylation factor
Ribosomal protein L18e
Glutathione S-transferase, C-terminal-like
Ribosomal protein L21e
Ribosomal protein S5, C-terminal
High mobility group-like nuclear protein
Ribosomal protein 60S
Ribosomal protein L11
Ribosomal protein S6, eukaryotic
Acyl carrier protein (ACP)
Kinesin, motor region
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Clathrin adaptor, sigma subunit/coatomer, zeta subunit
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Disulphide isomerase
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ATPase, V1 complex, subunit F, eukaryotic
ADP-ribosylation factor
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Longin-like
Late embryogenesis abundant protein 2
Antifreeze protein, type I
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Ubiquitous surface protein
ATPase, V1 complex, subunit F, eukaryotic
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Chaperonin 21, chloroplast
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Adenovirus fibre protein
ADP-ribosylation factor

Chaperonin Cpn10
ADP-ribosylation factor
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Cyclophilin-like
Helix-turn-helix type 3
Histone core
High mobility group protein HMG14 and HMG17
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Paraneoplastic encephalomyelitis antigen
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Peptidyl-prolyl cis-trans isomerase, PpiC-type
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ADP-ribosylation factor
BTB/POZ fold
Glutaredoxin
Cyclophilin-like
Glyceraldehyde 3-phosphate dehydrogenase
Ribulose bisphosphate carboxylase, small chain
Glyceraldehyde 3-phosphate dehydrogenase
Thioredoxin
Glutaredoxin
Electron transport accessory protein
Disulphide isomerase
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Ribulose-phosphate 3-epimerase

3'-5' exonuclease
Glutathione S-transferase, C-terminal
Glyceraldehyde 3-phosphate dehydrogenase
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Mitochondrial import translocase, subunit Tom7
Adenine nucleotide translocator 1
Prefoldin
14-3-3 protein
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Clathrin adaptor, sigma subunit/coatomer, zeta subunit
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Clp, N-terminal
Antifreeze protein, type I
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Armadillo
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Phosphoglycerate kinase
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Ribosomal protein L11
Ribosomal protein L18, bacterial
Ribosomal protein L31e
Ribosomal protein S5, C-terminal
Ribosomal protein L35Ae
Ribosomal protein L11
Ribosomal protein L21e
Ribosomal protein S6, eukaryotic
Nucleic acid-binding, OB-fold-like
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Ribosomal protein S7
Ribosomal protein L37e
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Bifunctional inhibitor/plant lipid transfer protein/seed storage

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Late embryogenesis abundant protein 2
Antifreeze protein, type I
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Antifreeze protein, type I
Antifreeze protein, type I
Late embryogenesis abundant protein 2
Chlorophyll A-B binding protein
Electron transport accessory protein
Chlorophyll A-B binding protein
Mog1/PsbP/DUF1795, alpha/beta/alpha sandwich
Antifreeze protein, type I
Photosystem I reaction centre subunit VI
Photosystem II protein PsbR
Nucleoside diphosphate kinase, core
Phosphoglycerate kinase
Armadillo
Ubiquitous surface protein
Armadillo
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D-tyrosyl-tRNA(Tyr) deacylase
ADP-ribosylation factor
Chaperonin 21, chloroplast

Prefoldin
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Cytochrome bd ubiquinol oxidase, 14 kDa subunit
Proteinase inhibitor I25, cystatin
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Proliferating cell nuclear antigen, PCNA
RNA polymerase Rpb7, N-terminal
Ribosomal protein L35Ae
Ribosomal protein S24e
Ribosomal protein L31e
Eukaryotic initiation factor 5A hypusine (eIF-5A)
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Nucleic acid-binding, OB-fold-like
Ribosomal protein L11
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Ribosomal protein L14, bacterial-type
Ribosomal protein S7
Ribosomal protein S15, eukaryotic/archaeal
Ribosomal protein S8
KOW
Ribosomal protein L18, bacterial
emp24/gp25L/p24
Bifunctional inhibitor/plant lipid transfer protein/seed storage
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ADP-ribosylation factor
Adenine nucleotide translocator 1
ADP-ribosylation factor
ATPase, F0 complex, subunit G, mitochondrial
Mitochondrial import translocase, subunit Tom7
Heavy metal transport/detoxification protein

Antifreeze protein, type I
Antifreeze protein, type I
Universal stress protein A
Antifreeze protein, type I
ADP-ribosylation factor
ADP-ribosylation factor
Eukaryotic initiation factor 5A hypusine (eIF-5A)
Bifunctional inhibitor/plant lipid transfer protein/seed storage
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