

Number of genes

2000
1500
1000
500
0

rRNA processing
anchored component of membrane
ribosome
intracellular ribonucleoprotein complex
mRNA binding
translation
nucleolus
RNA binding
plastid
DNA binding transcription factor activity
transcription, DNA-templated
DNA binding
chloroplast
regulation of transcription, DNA-templated
nucleus

DNA topoisomerase activity
photosystem I
biosynthetic process
protein oligomerization
protein self-association
response to reactive oxygen species
response to high light intensity
photosynthesis
protein folding
unfolded protein binding
thylakoid
chloroplast thylakoid membrane
response to hydrogen peroxide
response to heat
response to salt stress

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rRNA processing
anchored component of membrane
intracellular ribonucleoprotein complex
mRNA binding
translation
nucleolus
RNA binding
DNA binding transcription factor activity
transcription, DNA-templated
DNA binding
chloroplast
regulation of transcription, DNA-templated
nucleus
quercetin 3-O-glucosyltransferase activity
sequence-specific DNA binding

No. of all diff-expressed genes
No. wt_29 up-regulated genes
No. pif4_x78_22 up-regulated genes
Expected no. of genes