

Number of genes

2000

1000

0

anchored component of membrane  
protein autophosphorylation  
positive regulation of transcription, DNA-templated  
response to water deprivation  
response to abscisic acid  
transferase activity, transferring glycosyl groups  
sequence-specific DNA binding  
protein serine/threonine kinase activity  
DNA binding transcription factor activity  
transcription, DNA-templated  
DNA binding  
regulation of transcription, DNA-templated  
plasma membrane  
transferase activity  
nucleus

positive regulation of cellular response to heat  
proton-transporting ATP synthase complex, coupling factor F(o)  
ribosomal large subunit assembly  
photosynthesis  
chloroplast thylakoid  
rRNA binding  
chloroplast envelope  
thylakoid  
chloroplast thylakoid membrane  
intracellular ribonucleoprotein complex  
translation  
structural constituent of ribosome  
ribosome  
plastid  
chloroplast

anchored component of membrane  
positive regulation of transcription, DNA-templated  
response to water deprivation  
response to abscisic acid  
transferase activity, transferring glycosyl groups  
sequence-specific DNA binding  
protein serine/threonine kinase activity  
DNA binding transcription factor activity  
transcription, DNA-templated  
DNA binding  
regulation of transcription, DNA-templated  
plasma membrane  
transferase activity  
nucleus  
cell differentiation

- No. of all diff-expressed genes
- No. pif4\_29 up-regulated genes
- No. pif4\_x78\_29 up-regulated genes
- Expected no. of genes