

Number of genes

2000

1000

0

microtubule motor activity
microtubule-based movement
negative regulation of transcription, DNA-templated
flower development
positive regulation of transcription, DNA-templated
cell differentiation
mRNA processing
multicellular organism development
sequence-specific DNA binding
DNA binding transcription factor activity
transcription, DNA-templated
DNA binding
regulation of transcription, DNA-templated
nucleus
protein binding

phosphoserine phosphatase activity
cellular response to stress
DNA topoisomerase II activity
DNA topoisomerase activity
DNA topoisomerase type II (ATP-hydrolyzing) activity
DNA topological change
proton-transporting ATP synthase complex, coupling factor F(o)
hydrogen ion transmembrane transporter activity
biosynthetic process
chloroplast thylakoid
hydrolase activity, hydrolyzing O-glycosyl compounds
photosynthesis
thylakoid
chloroplast thylakoid membrane
plastid

negative regulation of transcription, DNA-templated
flower development
positive regulation of transcription, DNA-templated
cell differentiation
mRNA processing
multicellular organism development
sequence-specific DNA binding
DNA binding transcription factor activity
transcription, DNA-templated
DNA binding
regulation of transcription, DNA-templated
nucleus
protein binding
leaf morphogenesis
spliceosomal complex

- No. of all diff-expressed genes
- No. WT_22 up-regulated genes
- No. pif4_x78_22 up-regulated genes
- Expected no. of genes