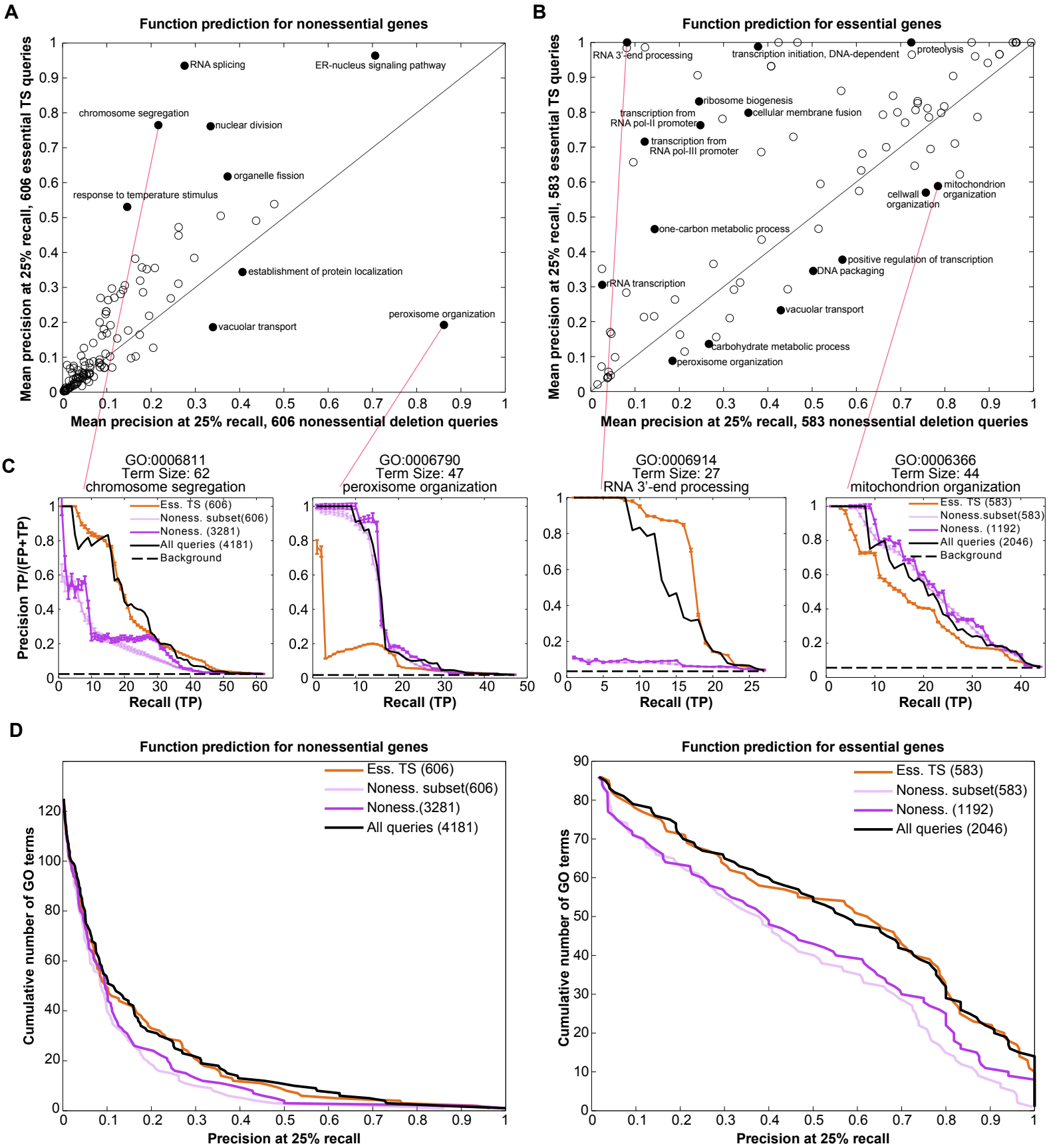
Figure S6


A
Function prediction for nonessential genes
Mean precision at 25% recall, 606 essential TS queries
Mean precision at 25% recall, 606 nonessential deletion queries
RNA splicing
ER-nucleus signaling pathway
chromosome segregation
nuclear division
organelle fission
response to temperature stimulus
establishment of protein localization
peroxisome organization
vacuolar transport
B
Function prediction for essential genes
Mean precision at 25% recall, 583 essential TS queries
Mean precision at 25% recall, 583 nonessential deletion queries
RNA 3'-end processing
transcription initiation, DNA-dependent
proteolysis
ribosome biogenesis
transcription from RNA pol-II promoter
cellular membrane fusion
transcription from RNA pol-III promoter
mitochondrion organization
cellwall organization
one-carbon metabolic process
positive regulation of transcription
DNA packaging
rRNA transcription
vacuolar transport
carbohydrate metabolic process
peroxisome organization
C
GO:0006811
Term Size: 62
chromosome segregation
GO:0006790
Term Size: 47
peroxisome organization
GO:0006914
Term Size: 27
RNA 3'-end processing
GO:0006366
Term Size: 44
mitochondrion organization
Precision TP/(FP+TP)
Recall (TP)
Ess. TS (606)
Noness. subset(606)
Noness. (3281)
All queries (4181)
Background
Ess. TS (583)
Noness.subset(583)
Noness. (1192)
All queries (2046)
D
Function prediction for nonessential genes
Function prediction for essential genes
Cumulative number of GO terms
Precision at 25% recall
Ess. TS (606)
Noness. subset(606)
Noness.(3281)
All queries (4181)
Ess. TS (583)
Noness. subset(583)
Noness. (1192)
All queries (2046)