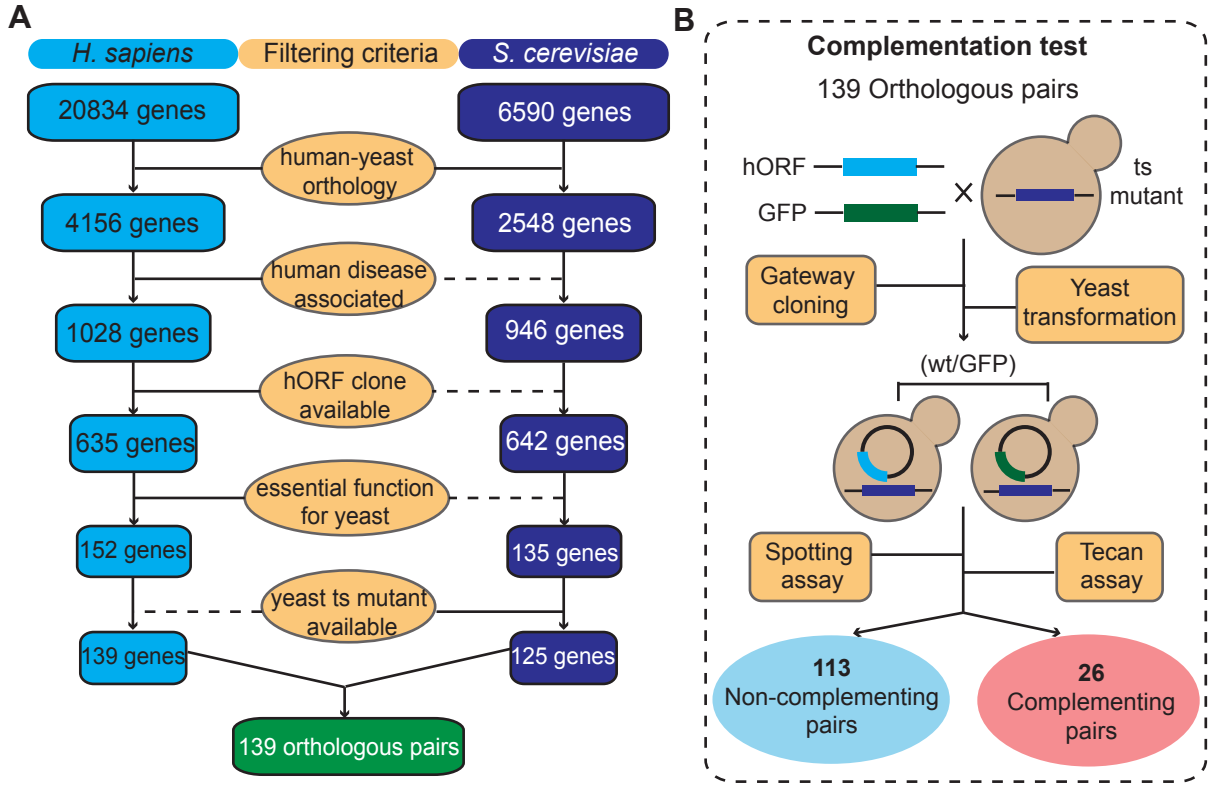
A
H. sapiens
Filtering criteria
S. cerevisiae
20834 genes
6590 genes
human-yeast orthology
4156 genes
2548 genes
human disease associated
1028 genes
946 genes
hORF clone available
635 genes
642 genes
essential function for yeast
152 genes
135 genes
yeast ts mutant available
139 genes
125 genes
139 orthologous pairs
B
Complementation test
139 Orthologous pairs
hORF
GFP
ts mutant
Gateway cloning
Yeast transformation
(wt/GFP)
Spotting assay
Tecan assay
113
Non-complementing pairs
26
Complementing pairs