

Table S3 Genes involved in meiosis/meiotic recombination and their presence/absence in *Sd. ludwigii* and other yeasts

[illegible]

YCR084C
YPL139C | YOR229W
YDR207C
YOR230W

TUP1 (AAR1, AER2, AMM1, CRT4, CYC9, FLK1, ROX4, SFL2, UMR7)
UME1 (WTM3) | **WTM2**
UME6 (CAR80, NIM2, RIM16)
WTM1

Slud1704
Slud4146
Slud4358
-

Others

YJL115W
YFR021W
YJR053W
YMR055C
YGL174W
YLR103C
YJL005W
YAL013W
YNL001W | YCL001W-B
YPR175W
YDL101C
YOL017W | YFR013W
YGR252W
YER133W
YCR065W
YDR138W
YIR005W
YOL086W-A
YDL160C-A
YCL061C
YEL062W
YHL023C
YBR233W
YNL267W
YLR016C
YGL167C
YDR217C
YNL072W
YER070W | YIL066C
YGL066W
YLR442C | YML065W
YDR240C
YKR031C
YMR179W
YDR108W

ASF1 (CIA1)
ATG18 (SVP1, NMR1, CVT18, AUT10)
BFA1 (IBD1)
BUB2 (PAC7)
BUD13 (CWC26)
CDC45 (SLD4)
CYR1 (FIL1, CDC35, HSR1, SRA4, TSM0185)
DEP1 (FUN54)
DOM34 | -
DPB2
DUN1
ESC8 | **IOC3**
GCN5 (ADA4, SWI9, KAT2, AAS104)
GLC7 (CID1, DIS2, PP1, DIS2S1)
HCM1
HPR1 (TRF1)
IST3 (SNU17)
MHF1
MHF2
MRC1
NPR2
NPR3 (RMD11)
PBP2 (HEK1)
PIK1 (PIK41, PIK120)
PML1
PMR1 (SSC1, BSD1, LDB1)
RAD9
RNH201 (RNH35, Rnh2A)
RNR1 (CRT7, RIR1, SDS12) | **RNR3** (DIN1, RIR3)
SGF73 (SCA7)
SIR3 (CMT1, MAR2, STE8) | **ORC1**
SNU56 (MUD10)
SPO14 (PLD1)
SPT21
TRS85 (SSG1, MUM1)

Slud4497
Slud1442
Slud1943
Slud4833
Slud3747
Slud3969
Slud2922
Slud1898
Slud1394
Slud2265
Slud5068
-
Slud3052
Slud3725
Slud3615
Slud3982
Slud4552
Slud0285
Slud0411
Slud2773
Slud4900
Slud3707
Slud3412
Slud2704
Slud0177
Slud1794
Slud4349
Slud0902
Slud2036
Slud3511
Slud2354
Slud4316
Slud1606
Slud3544
Slud0393

present (one homolog)
present (at least two paralogs)
presence of syntenic ORF with no or very weak similarity to the *S. cerevisiae* homolog
absent