**Supplementary File 9:** Yeast Strains

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| **Strain** | **Description** | **Genotype** | **Reference** |
| BY4705 | Wild type (WT) | *matα Δade2::hisG his3Δ200 leu2Δ0 lys2Δ0 met15Δ0 trp1Δ63 ura3Δ0* | (Brachmann et al., 1998) |
| SHY565 | *RPB3*-Flag | *matα Δade2::hisG his3Δ200 leu2Δ0 lys2Δ0 met15Δ0 trp1Δ63 ura3Δ0 RPB3* - Flag3::KanMX | (Warfield et al., 2017) |
| SHY1187 | *RPB3*-Flag, *spt3Δ* | *matα Δade2::hisG his3Δ200 leu2Δ0 lys2Δ0 met15Δ0 trp1Δ63 ura3Δ0 RPB3* - Flag3::KanMX *spt3Δ*::NAT MX | This work |
| SHY851 | *RPB3*-Flag, *spt7Δ* | *matα Δade2::hisG his3Δ200 leu2Δ0 lys2Δ0 met15Δ0 trp1Δ63 ura3Δ0* spt7 delta::HPH | This work |
| SHY897 | *spt20Δ* | *matα Δade2::hisG his3Δ200 leu2Δ0 lys2Δ0 met15Δ0 trp1Δ63 ura3Δ0* spt20*Δ*::KanMX | This work. |
| SHY1320 | *ubp8Δ* | *matα Δade2::hisG his3Δ200 leu2Δ0 lys2Δ0 met15Δ0 trp1Δ63 ura3Δ0* ubp8 delta::KanMX | This work |
| YKL60 | *gcn5Δ* | *mat a his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 gcn5Δ*::KanMX | (Lee et al., 2005) From Workman lab |
| SHY1175 | *RPB3*-Flag, *SPT3+SPT20*-degron | *matα Δade2::hisG his3Δ200 leu2Δ0 lys2Δ0 met15Δ0 trp1Δ63 ura3Δ0 RPB3*-3x Flag::NAT MX *pGPD1-OSTIR::HIS3 SPT20*-3xV5-mini degron IAA7::KanMX *SPT3*-3xV5-IAA7degron::*URA3* | This work |
| SHY1176 | *RPB3-*Flag, *SPT3+SPT7*-degron | *matα Δade2::hisG his3Δ200 leu2Δ0 lys2Δ0 met15Δ0 trp1Δ63 ura3Δ0 RPB3*-3x Flag::NAT MX *pGPD1-OSTIR::HIS3*  *SPT7*-3xV5-IAA7 degron::KanMX *SPT3*-3xV5 IAA7degron:: *URA3* | This work |
| SHY1043 | *RPB3-*Flag, *TAF13*-degron | *matα Δade2::hisG his3Δ200 leu2Δ0 lys2Δ0 met15Δ0 trp1Δ63 ura3Δ0 RPB3*-3x Flag::NAT MX *pGPD1-OSTIR::HIS3*  *TAF13*-3xV5 IAA7- degron::KanMX | This work |
| SHY1039 | *RPB3-*Flag, *TAF1*-degron | *mat alpha delta ade2::hisG his3 delta 200 leu2 delta 0 lys2 delta 0 met15 delta 0 trp1 delta 63 ura3 delta 0* *RPB3*-3x Flag::NAT MX *pGPD1-OSTIR::HIS3*  *TAF1*-3xV5- IAA7 degron::KanMX | This work |
| SHY1041 | *RPB3-*Flag, *TAF7*-degron | *matα Δade2::hisG his3Δ200 leu2Δ0 lys2Δ0 met15Δ0 trp1Δ63 ura3Δ0 RPB3*-3x Flag::NAT MX *pGPD1-OSTIR::HIS3*  *TAF7*-3xV5- IAA7 degron::KanMX | This work |
| SHY1291 | *TAF13+SPT7*-degron | *matα Δade2::hisG his3Δ200 leu2Δ0 lys2Δ0 met15Δ0 trp1Δ63 ura3Δ0 RPB3*-3x Flag::NAT MX *pGPD1-OSTIR::HIS3*  *TAF13*-3xV5- IAA7 degron::KanMX  *SPT7*-3xV5 IAA7-degron::*URA3* | This work |
| SHY1292 | *TAF13+SPT3*-degron | *matα Δade2::hisG his3Δ200 leu2Δ0 lys2Δ0 met15Δ0 trp1Δ63 ura3Δ0 RPB3*-3x Flag::NAT MX *pGPD1-OSTIR::HIS3*  *TAF13*-3xV5- IAA7 degron::KanMX  *SPT3* -3xV5 IAA7-degron::*URA3* | This work |
| SHY1228 | *TAF13*-MNase | *matα Δade2::hisG his3Δ200 leu2Δ0 lys2Δ0 met15Δ0 trp1Δ63 ura3Δ0 TAF13-*MNase::*TRP1* | This work |
| RDY55 | *TAF1*-MNase | *matα Δade2::hisG his3Δ200 leu2Δ0 lys2Δ0 met15Δ0 trp1Δ63 ura3Δ0 TAF1-*MNase*::TRP1* | This work |
| SHY1227 | *TAF7*-MNase | *matα Δade2::hisG his3Δ200 leu2Δ0 lys2Δ0 met15Δ0 trp1Δ63 ura3Δ0 TAF7-*MNase::*TRP1* | This work |
| SHY1185 | *SPT7*-MNase | *matα Δade2::hisG his3Δ200 leu2Δ0 lys2Δ0 met15Δ0 trp1Δ63 ura3Δ0 SPT7-*MNase::*TRP1* | This work |
| SHY1184 | *SPT3*-MNase | *matα Δade2::hisG his3Δ200 leu2Δ0 lys2Δ0 met15Δ0 trp1Δ63 ura3Δ0 SPT3-MNase::TRP1* | This work |
| SHY1058 | *S. pombe* WT / RPB3-Flag | *S. pombe* mating type h-  *RPB3-*3xFlag::KanMX | From G. Smith lab-FredHutch |

**References:**

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Lee K, Florens L, Swanson S, Washburn M, Workman J. 2005. The Deubiquitylation Activity of Ubp8 Is Dependent upon Sgf11 and Its Association with the SAGA Complex. *Mol Cell Biol* **25**:1173–1182. doi:10.1128/mcb.25.3.1173-1182.2005   
  
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