**Table EV3. List of strains**

All strains used in this study are derivatives of a modified W303 prototroph for *URA3* and *TRP1* (*leu2-3, can1-100, ade2-1, his3-11,15 ura:URA3(1X), trp1:TRP1(2X)*)

|  |  |
| --- | --- |
| yAC3944 | ***MATa, mad2:KanMX6*** |
| yAC3953 | ***MATa, mad2:KanMX6, tub2-401*** |
| yAC4248 | ***MATa, pho4::KanMX6*** |
| yAC4256 | ***MATa, kip3::KanMX6*** |
| yAC4258 | ***MATa, kip3::KanMX6, tub2-401*** |
| yAC4276 | ***MATa, his3-11,15::HIS3tetR-GFP (single integration), ura3::3XURA3tetO112*** |
| yAC4277 | ***MATa, his3-11,15::HIS3tetR-GFP (single integration), ura3::3XURA3tetO112, tub2-401*** |
| yAC4314 | ***MATa, haploid disomic chr VIII, DOG2-HA3::HPH, DOG2-myc9::NAT, tub2-401*** |
| yAC4355 | ***MATa, spc97:SPC97(2x):NAT*** |
| yAC4357 | ***MATa, spc97:SPC97 (2x):NAT, tub2-401*** |
| yAC4371 | ***MATa, haploid disomic chr VIII, DOG2-HA3::HPH, DOG2-myc9::NAT, kip3::KanMX6,***  ***tub2-401*** |
| yAC4376 | ***MATa, tub2-401A657T*** |
| yAC4383 | ***MATa, haploid disomic chr VIII, DOG2-HA3::HPH, DOG2-myc9::NAT*** |
| yAC4384 | ***MATa, haploid disomic chr VIII, DOG2-HA3::HPH, DOG2-myc9::NAT, tub2-401A657T*** |
| yAC4397 | ***MATa*** |
| yAC4398 | ***MATa, tub2-401*** |
| yAC4399 | ***MATa, haploid disomic chr VIII, DOG2-HA3::HPH, DOG2-myc9::NAT, spc97::KanMX6*** |
| yAC4400 | ***MATalpha, haploid disomic chr VIII, DOG2-HA3::HPH, DOG2-myc9::NAT, spc97::KanMX6,***  ***tub2-401*** |
| yAC4470 | ***MATa, haploid disomic chr VIII, DOG2-HA3::HPH, DOG2-myc9::NAT,***  ***TUB1::TUB1G736T::KanMX6*** |
| yAC4472 | ***MATa, haploid disomic chr VIII, DOG2-HA3::HPH, DOG2-myc9::NAT, tub2-401A657T,***  ***kip3::KanMX6*** |
| yAC4497 | ***MATa, TUB1::TUB1G736T::KanMX6*** |
| yAC4511 | ***MATa, haploid disomic chr VIII, DOG2-HA3::HPH, DOG2-myc9::NAT,***  ***TUB1::TUB1G736T::KanMX6, tub2-401*** |
| yAC4512 | ***MATa, TUB1::TUB1G736T::KanMX6, tub2-401*** |
| yAC4614 | ***MATa, haploid disomic chr VIII: DOG2-HA3::HPH, DOG2-myc9::NAT,***  ***his3-11,15::HIS3tetR-GFP (single integration), ura3::3XURA3tetO112,***  ***kip3::KanMX6, tub2-401*** |
| yAC4617 | ***MATa, haploid disomic chr VIII: DOG2-HA3::HPH, DOG2-myc9::NAT,***  ***his3-11,15::HIS3tetR-GFP (single integration), ura3::3XURA3tetO112,***  ***TUB1::TUB1G736T,tub2-401*** |
| yAC4619 | ***MATa, haploid disomic chr VIII: DOG2-HA3::HPH, DOG2-myc9::NAT,***  ***his3-11,15::HIS3tetR-GFP (single integration), ura3::3XURA3tetO112, tub2-401*** |
| yAC4629 | ***MATa, haploid disomic chr VIII: DOG2-HA3::HPH, DOG2-myc9::NAT,***  ***his3-11,15::HIS3tetR-GFP (single integration), ura3::3XURA3tetO112, tub2-401A657T*** |
| yAC4633 | ***MATa, haploid disomic chr VIII: DOG2-HA3::HPH, DOG2-myc9::NAT, mad2:KanMX6, tub2-401A657T*** |
| yAC4640 | ***MATa, haploid disomic chr VIII: DOG2-HA3::HPH, DOG2-myc9::NAT, mad2:KanMX6, kip3::KanMX6, tub2-401*** |
| yAC4644 | ***MATa, haploid disomic chr VIII: DOG2-HA3::HPH, DOG2-myc9::NAT, bub2::HIS3,***  ***tub2-401A657T*** |
| yAC4648 | ***MATa, bub2::HIS3*** |
| yAC4649 | ***MATa, haploid disomic chr VIII: DOG2-HA3::HPH, DOG2-myc9::NAT, bub2::HIS3, tub2-401*** |
| yAC4653 | ***MATalpha, bub2::HIS3, tub2-401*** |
| yAC4659 | ***MATalpha, haploid disomic chr VIII: DOG2-HA3::HPH, DOG2-myc9::NAT, mad2:KanMX6, TUB1::TUB1G736T, tub2-401*** |
| yAC4662 | ***MATalpha, haploid disomic chr VIII: DOG2-HA3::HPH, DOG2-myc9::NAT, bub2::HIS3, kip3::KanMX6, tub2-401*** |
| yAC4665 | ***MATalpha, haploid disomic chr VIII: DOG2-HA3::HPH, DOG2-myc9::NAT, bub2::HIS3, TUB1::TUB1G736T, tub2-401*** |
| yAC4670 | ***MATa, haploid disomic chr VIII: DOG2-HA3::HPH, DOG2-myc9::NAT, mad2:KanMX6, tub2-401*** |