**S2 Table. Plasmids**

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| --- | --- | --- |
| **Plasmid name** | **Relevant yeast genotype** | **Source** |
| pRS304 | *TRP1* | [1] |
| pRS306 | *URA3* | [1] |
| YIp5 | *URA3* | [1] |
| pMJ787 | *kanMX6::PCLB2* | Michael Lichten |
| pFA6a-kanMX6 | *kanMX6* | [2] |
| p4339 | *natMX4* | [3] |
| pAG32 | *hphMX4* | [3] |
| pNH257 | *URA3 PREC8* | This work |
| pNH317 | *URA3 NDT80-mid* | [4] |
| pHN104 | *URA3 RAD54-T132A* | [5] |
| pSZ5 | *LEU2 CAS9-gDNA-natMX4* | Bruce Futcher |
| pBG22 | *URA3 RRM3* | This work |
| pJW5 | *URA3 PIF1* | This work |
| pJW5-m1 | *URA3 pif1-m1* (*m1* = M1A) | This work |
| pJW7 | *URA3 PREC8-RRM3* | This work |
| pJW11 | *URA3 PIF1-3FLAG* | This work |
| pJW14 | *URA3 pif1-m1-3FLAG* | This work |
| pJW14-K264A | *URA3 pif1-m1-K264A-3FLAG* | This work |
| pJW14-R3E | *URA3 pif1-m1-R3E-3FLAG (R3E=* I817R, M820R, L821R, R823E*)* | This work |
| pAM1-II3A | *URA3 rad51-II3A* (*II3A =* R188A K361A K371A) | This Work |
| pSK693 | *LEU2 pYKL050c-RFP* (targets integration near *CEN8*) | [6] |
| pSK694 | *TRP1 pYKL050c-CFP* (targets integration near *CEN8*) | [6] |
| pSK695 | *TRP1 pYKL050c-CFP* (targets integration near *THR1*) | [6] |
| pSK729 | *URA3 pYKL050c-GFP\** (targets integration near *ARG4*) | [6] |
| pRD1 | *URA3 dmc1-II3A* (R124A R298A K308A) | This work |

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