**Table S5.** PCR primers designed in the present study to amplify five nuclear gene regions. Those primers labeled with K and C are specific primers for *S. kudriavzevii* and *S. cerevisiae* alleles, respectively.

|  |  |
| --- | --- |
| **Primer** | **Sequence** |
| CYR1\_3K (reverse) | 5’-TTggATTTTCTggAATgTTCTCATTAggCCgC-3’ |
| CYR1\_3C (reverse) | 5’-TCAgAgTTAgATTTTCCggAATgTTCTCATTATAT-3’ |
| CYC3\_5K (forward) | 5’-TCTCCgCAgATTAACCCCggTCAgCAggTg-3’ |
| CYC3\_5C (forward) | 5’-CgggCAAAgATATTggTggggCAgCAgTA-3’ |
| CYC3\_3 (reverse) | 5’-gggAACAgTAggCCgCACARRTgCATCCA-3’ |
| BRE5\_5 (forward) | 5’-TgATTATAgCCACgggTgARATgTTYTgg-3’ |
| BRE5\_3K (reverse) | 5’-TTCgCAACCggTTCTAAAgAgggCgAAAC-3’ |
| BRE5\_3C (reverse) | 5’-gAAgATgAAggTgTTgAAgCgTTATTgCC-3’ |
| CAT8a\_5 (forward) | 5’-AAgAgCAACTATAgYCTgACAAARYTAATgAg-3’ |
| CAT8Ka\_5 (forward) | 5’-CCATCCTGAGGAACCAAATTGC-3’ |
| GAL4\_5 (forward) | 5’-TgTgCCAAgTgTCTgAAgAAYAAYTgggA-3’ |
| GAL4\_3 (reverse) | 5’-gCgATTTCAATCTgATTATTRTACARCATCAT-3’ |
| GAL4Ka\_5 (forward)+ | 5’-GAAGCTGTTGTCTTCAATGG-3’ |
| GAL4Ka\_3 (reverse)+ | 5’-CTTGTATTTGGTTTCTGTCTCC-3’ |
| EGT2n\_3 (reverse)\* | 5’-CCAggCggTRTTATTAgTTTTgTATATRCCACC-3’ |
| EGT2n\_5 (forward)\* | 5’-CAgATCATTggTTCATAATAgAAggKCAAYTgT-3’ |
| EGT2Ka\_5 (forward) | 5’-ACACACGCTCTTACACAAACGCAG-3’ |
| EGT2Ka\_3 (reverse) | 5’-TTAGTGGTGGAGCCGACATTAGCA-3’ |

\*Annealing Temperature = 50ºC

+GAL4\_5 and GAL4\_3 were used for sequencing PCR fragments amplified with GAL4Ka\_5 and GAL4Ka\_3