**Supplemental Table S1. Strains used** in **complementation, additivity and mating studies.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Strains | Parent | MTL | Genotype | Source |
|  |  |  |  |  |
| *∆pap***a***-TET*p*-PAP****a*** | *∆pap***a** |  **a** | *∆pap***a***::FRT/PAP***a***..adh1::pTET-PAP***a***-GFP::NAT* | This study |
| *∆pik***a***-*TETp*-PIK****a*** | *∆pik***a** |  **a** | *∆pik***a***::FRT/PIK***a***..adh1::pTET-PAP***a***-GFP::NAT* | This study |
| *∆obp***a***/∆obpα-TET*p*-PAP****a*** | *∆obp***a***/∆obp* |  **a** | *∆obp***a***::FRT/∆obp::FRT..ADH1/adh1::pTET-PAP***a***-GFP::NAT* | This study |
| *∆obp****a****/∆obp-TET*p*-PIK****a*** | *∆obp***a***/∆obp* |  **a** | *∆obp***a***::FRT/∆obp::FRT..ADH1/adh1::pTET-PIK***a***-GFP::NAT* | This study |
| P37039*(***a***/***a***)*∆*obp***a**/∆*obp****α*** | P3703∆*obp***a**/∆*obp* | ***a****/***a****a***/***a** | Sorbose induced homozygoteSorbose induced homozygote | This studyThis study |