**Supplementary File 5. Mutations identified in *fyv6Δ* suppressor strains selected at 37°C**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Gene | Chromosome | Position | Substitution | Mutation | Strain(s) | Human Gene | Human Residue |
| PRP8 | VIII | 432198 | G->T | S1584Y | 370201 |  | S1512 |
| 432198 | G->A | S1584F\*^ | 372003 | S1512 |
| 431365 | C->G | V1862L | 370801 | I1790 |
| 431347 | C->T | G1868R | 370701 | G1796 |
| 431004 | G->C | T1982S^ | 370501 | T1910 |
| SLU7 | IV | 619621 | C->T | E9K | 370301 | SLU7 | N/A |
| 619576 | C->T | A24R\*\* | 370101 | N/A |
| 619575 | G->C |
| 619570 | C->T | E26K\*\* | N/A |
| 619562 | A->C | N28K\*\* | D58 |
| CDC40 (PRP17) | IV | 1203588 | G->A | P208L | 371102 | CDC40 | A245 |
| 1203459 | G->A | A251V | 370601 | Y367 |
| 1203266 | C->A | K315N | 371701 | K450 |
| 1203055 | C->A | G386W | 370901 | A511 |
| Cef1 | XIII | 693490 | C->T | A37V | 370401 | CDC5L | A35 |
| 693905 | G->T | M175I | 371201, 371302 | Q175 |
| 693958 | A->C | Q193P | 370804 | A193 |
| CLF1 (SYF3) | XII | 384437 | G->A | T33I^^ | 371001 | CRNKL1 | P210 |
| RSE1 | XIII | 175909 | A->T | D799E\*, \*\*\*,\*\*\*\* | 371601, 371901, 372003 | SF3B3 | N/A |
| 175912 | G->T | D798E\*\*\* | 371901 | N/A |
| 175899 | T->C | K803E\*\*\* | N/A |
| 175896 | C->T | E804K\*\*\* | N/A |
| 175883 | A->T | I808K\*\*\* | N/A |
| LSR1 | II | 681838 | T->C | A25G | 371802 | RNU2 | A24 |
| PRP22 | V | 182238 | T->G | I1133R\*\* | 371601 | DHX8 | N/A |

\*Mutations arose together in strain 372003. \*\*Mutations arose together in strain 370101. \*\*\*Mutations arose together in strain 371901. \*\*\*\*Mutations arose together in 371601. ^Second-strongest suppressors of *FYV6* deletion based on colony size. ^^Strongest suppressor of *FYV6* deletion based on colony size.