**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.