**Table S6.** Gibson cloning strategy to generate DivL-yfp point mutants into the pXYFPC-1 vector that is designed to integrate at the xylose chromosomal locus using the Gibson DNA assembly method.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Plasmid # | DivL Mutation | First Fragment Codons | Primer 1 | Primer 2 | SecondFragment Codons | Primer 1 | Primer 2 |
| pWSC10023 | Y550H | 152-554 | WSCp10024 | WSCp62 | 546-769 | WSCp70 | WSCp10025 |
| pWSC10027 | R553A | 152-557 | WSCp10024 | WSCp66 | 549-769 | WSCp74 | WSCp10025 |
| pWSC10026 | Y562A | 152-566 | WSCp10024 | WSCp65 | 558-769 | WSCp73 | WSCp10025 |
| pWSC10028 | A601L | 152-606 | WSCp10024 | WSCp67 | 597-769 | WSCp75 | WSCp10025 |