**Table S2:** Opaque*ssn6* deletion strains are capable of mating

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Tester Strain # | Tester Strain Description | Donor Strain # | Donor Strain Description | Mating Efficiency |
| AHY613a | Opaque, *MTLa, SSN6, arg4, NATR* | AHY336 | Opaque, *MTLα, SSN6, ARG4, NATS* | 2.166E-03 |
| AHY611a | Opaque, *MTLa, ssn6, arg4, NATR* | AHY336 | Opaque, *MTLα, SSN6, ARG4, NATS* | 3.19E-04 |
| AHY613a | Opaque, *MTLa, SSN6, arg4, NATR* | AHY296 | Opaque, *MTLα, ssn6, ARG4, NATS* | 1.35E-01 |
| AHY611a | Opaque, *MTLa, ssn6, arg4, NATR* | AHY296 | Opaque, *MTLα, ssn6, ARG4, NATS* | 5.79E-02 |
| AHY604a | White, *MTLa, SSN6, arg4, NATR* | AHY304 | White, *MTLα, SSN6, ARG4, NATS* | <2.3E-7 |