|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Table S1: White-to-opaque and opaque-to-white switching assays. | | | | |
| Table S1A: Opaque-to-white switching frequencies for a/Δ *ssn6* and α/Δ *ssn6* deletion strains. | | |  |  |
| Opaque-to-White Switching |  |  |  |  |
| Strain | Switch Frequency (%) | n |  |  |
| a/Δ Wild Type Opaque | 10.21 | 470 |  |  |
| a/Δ *ssn6* Opaque | <0.37 | 267 |  |  |
| α/Δ Wild Type Opaque | 8.89 | 574 |  |  |
| α/Δ *ssn6* Opaque | < 0.07 | 1450 |  |  |
|  |  |  |  |  |
| Table S1B: White-to-opaque and opaque-to-white switching frequencies for *SSN6* ectopic over-expression assays | | | | |
| White-to-Opaque Switching |  |  |  |  |
| Strain | Media Condition | Switch Frequency (%) | n | Notes |
| White, p*MET3*-Blank | Repressing | < 0.59 | 170 | 1 |
| White, p*MET3*-Blank | Inducing | 0.21 | 478 | 1 |
| White, p*MET3*-*SSN6* | Repressing | 1.02 | 98 |  |
| White, p*MET3*-*SSN6* | Inducing | 0.60 | 333 |  |
| White, p*MET3*-*WOR1* | Repressing | < 0.45 | 221 | 2 |
| White, p*MET3*-*WOR1* | Inducing | 99.86 | 739 | 2 |
|  |  |  |  |  |
| Opaque-to-White Switching |  |  |  |  |
| Strain | Media Condition | Switch Frequency (%) | n | Notes |
| Opaque, p*MET3*-Blank | Repressing | 15.69 | 102 | 1 |
| Opaque, p*MET3*-Blank | Inducing | < 0.31 | 318 | 1 |
| Opaque, p*MET3*-*SSN6* | Repressing | 2.41 | 83 |  |
| Opaque, p*MET3*-*SSN6* | Inducing | 1.78 | 225 |  |
| Notes |  |  |  |  |
| 1 Negative Control |  | |  |  |
| 2 Positive Control |  | |  |  |