**Table S5.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | TZ (%) | Pachytene (%) | *n* |
| *sun-1(wt)* | 41.8 ± 7.0 | 48.2 ± 7.0 | 10 |
| *sun-1(S12E)* | 52.3 ± 8.6 | 47.7 ± 8.6 | 12 |
| *sun-1(6E)* | 52.9 ± 8.1 | 47.1 ± 8.1 | 10 |
| *sun-1(S12A)* | 39.5.3 ± 3.1 | 60.5 ± 3.1 | 10 |
| *sun-1(allA)* | 39.7 ± 5.7 | 60.3 ± 5.7 | 10 |