**Table S1.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Average number of aggregates | *n* | Fusion events/min/nucleus | Splitting events/min/nucleus | *n* |
| *sun-1(wt)* | 4.8 ± 0.7 | 252 | 1.9 ± 1.2 | 2 ± 1.4 | 20 |
| *sun-1(allA)* | 5.2 ± 1.3 | 180 | 2.7 ± 1.6 | 2.8 ± 1.7 | 14 |