

S4 Table. *SMC1A* Silencing Induces Chromosome Content Changes in hTERT Cells.

| Condition | # Spreads | Spreads with Abnormal Chromosome Count (%) | <i>p</i>-value^A | Fold Increase^B |
|-----------------------|------------------|---|-----------------------------------|----------------------------------|
| Untreated | 100 | 11 | N/A ^C | N/A |
| si<i>GAPDH</i> | 100 | 9 | >0.9999 | 0.82 |
| si<i>SMC1A</i> | 100 | 42 | 0.0112 | 3.82 |

^AA Kolmogorov-Smirnov test was used to calculate statistical significance between chromosome number distributions from each condition and the untreated (negative) control. A *p*-value <0.05 is considered significant.

^BFold increase refers to the increase in the percentage of spreads harboring an abnormal chromosome number ($\neq 46$) relative to the untreated control.

^CN/A; not applicable