

Table S9. Comparative analysis, from the same sets of experiments as in Table S7, of the effect of silencing treatments carried out in parallel on the number of nuclei per cell

siRNA		Control	Nubp1	Nubp2	Nubp1& Nubp2
Total number of cells counted		3000	3000	3000	3000
Interphase cells with	1 nucleus	2927 (97.6%)	2833 (94.4%)	2944 (98.1%)	2873 (95.8%)
Interphase cells with	2 nuclei	68 (2.3%)	160 (5.2%)	52 (1.7%)	118 (3.9%)
	3 nuclei	5 (0.2%)	7 (0.2%)	3 (0.1%)	7 (0.2%)
	4 nuclei	–	–	1 (0%)	2 (0.1%)
Apoptotic cells		–	–	–	–
Cells with multiple nuclei (total)		73 (2.4%)	167 (5.6%)	56 (1.9%)	127 (4.2%)

(% of interphase cells)

- Nubp1 silencing increases the percentage of multinucleated cells in a statistically significant manner, compared with control silencing treatment (single-factor ANOVA, $P=3\times 10^{-5}$).
- Nubp2 silencing effect is not different from the control ($P=0.222$).
- Simultaneous silencing of Nubp1&2 maintains the increased proportion of multi-nucleated cells compared with the control ($P=0.0016$) and the Nubp1&2 silencing effect is borderline statistically different from Nubp1-only silencing ($P=0.046$).