

**Supplementary Table 1: Cell cycle lengths (hours) according to
CDK2 status (CDK2^{high} vs. CDK2^{low})**

Cell line	CDK2 status	n	%	Mean $\pm$ SD (hours)	Median (IQR) (hours)
MFM223 LAR	Low	13	65	>72* [†]	>72*
	High	7	35	37.03 $\pm$ 7.995	38.30 (34.40 - 43.10)
MDAMB453 LAR	Low	7	50	>50*	>50*
	High	7	50	34.1 $\pm$ 8.811	33.00 (26.00-40.00)
CAL51 MES	Low	7	19	33.46 $\pm$ 8.153	31.30 (15.30-20.20)
	High	29	81	18.06 $\pm$ 3.576	17.20 (15.30-20.20)
SUM149 Basal-like	Low	8	30	39.54 $\pm$ 4.454	41.00 (37.33-42.35)
	High	19	70	25.48 $\pm$ 4.454	26.20 (20.80-30.00)
HCC1143 Basal-like	Low	2	18	41.80 $\pm$ 0.2828	41.80 (41.60-42.00)
	High	11	82	32.92 $\pm$ 5.695	34.00 (30.30-36.00)

* Cell cycle length (cytokinesis→next cytokinesis) not captured due to duration of time-lapse imaging experiment.
For example, >72hrs = cytokinesis to end of time-lapse experiment was 72 hours in the absence of further mitotic event.