



Supplementary Figure 3: Heritability of marker copy number through cell division.

a-b) Divergence in gene expression between sister cells as a function of time since their last division.

c) Divergence in GAPDH vs aggreCAN and d) osteopontin vs aggreCAN between sister cells as a function of time since their last division.

Box hinges denote the first and third quartiles. Whiskers extend from the hinges to the most extreme data points within (1.5 * interquartile range) of the hinges. Means compared by t-tests with Satterthwaite approximation and simulated adjustment for multiple comparisons, *** indicates $p < 0.001$, * $p < 0.05$. See Supplementary Table 6 for all statistical comparisons. $n = 81$ sister cell pairs.