

**Supplemental Fig S6.** Developmental Samples Enriched for S-phase cells, Related to Figure 5 (A-B) EDU+ and EDU- cells from pulsed (500uM, 10min) embryos plotted based against DNA content (Propidium Iodide (PI)) reveals that a high percentage of cells in early developmental stages are in S-phase

(C-D) EDU+ and EDU- cells plotted based on cell count and DNA content (PI) shows the cell cycle profiles from embryos at the indicated stages