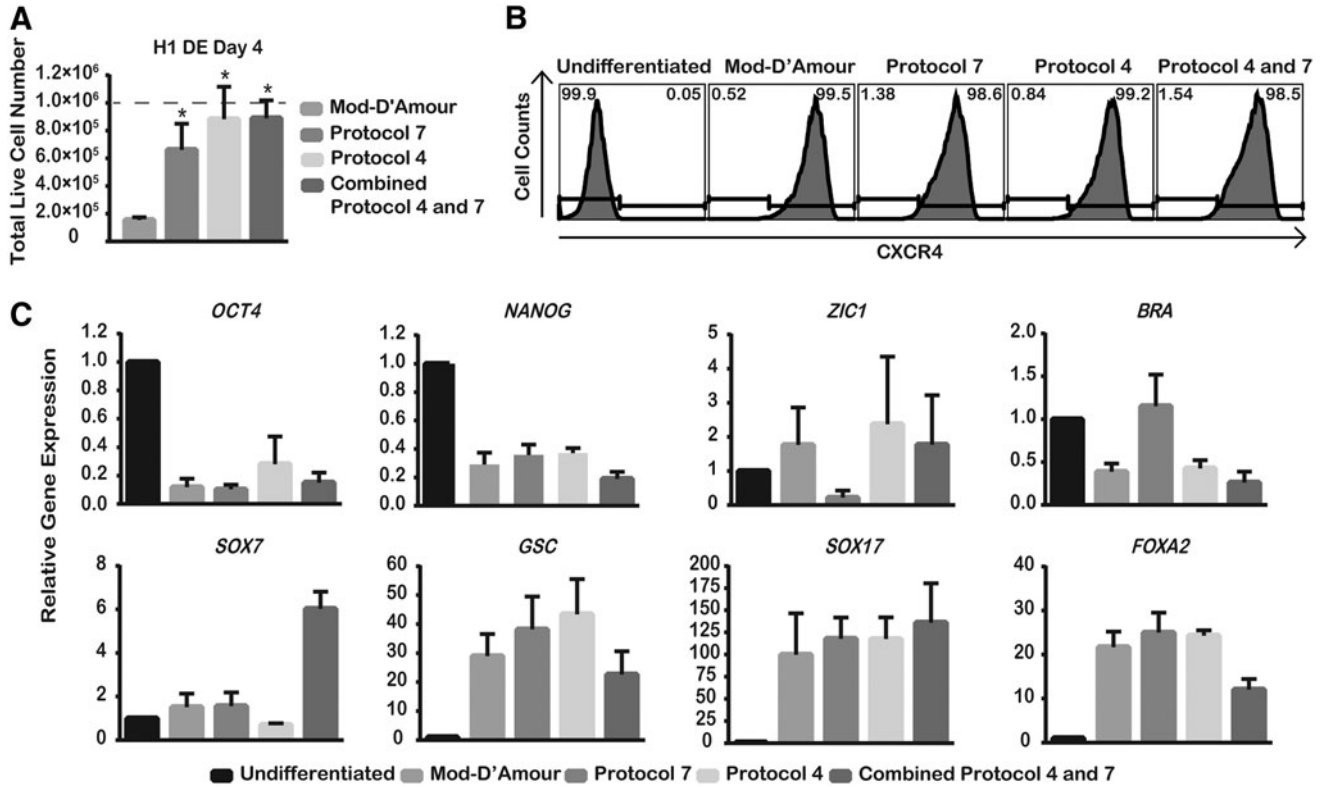


Supplementary Data



SUPPLEMENTARY FIG. S1. Modified protocols enhanced H1 human embryonic stem cell (hESC) definitive endoderm (DE) differentiation. **(A)** Total live cell numbers at the end of 4-day DE differentiation of H1 cells. Independent runs were normalized to 1.0×10^6 starting undifferentiated cells (dotted line). * $P < 0.05$ compared with the modified D'Amour (Mod-D'Amour) protocol by Student's unpaired t -test. **(B)** Representative flow cytometric histograms of CXCR4 induction after 4-day DE differentiation of H1 cells. **(C)** Gene expression of lineage-specific markers on day 4 of H1 cell DE differentiation. Data are presented as mean \pm standard error of the mean (SEM), $n = 3-5$.