Supplemental Fig. 6. HSC-differentiation from hESCs using the OP9 method. (**A**) Scheme of the protocol used to isolate CD45neg PFV and CD45+ populations of HSCs from hESCs using the OP9 method. See methods for further details. The top FACS histogram is also shown in Figure 3g; the bottom FACS histogram shows representative FACS analyses (CD45/PTPRC vs CD31/PECAM1) conducted 7d after culturing CD45negPFVs with OP9 cells. (**B**) Shown is an image of CD45neg PFV foci captured at 20x or 40x magnification. (**C**) L1Hs mRNA expression analysis in CD45+ and CD45negPFV populations derived using the OP9 method. Shown is RT-qPCR data from an assay using a set of primers to the 5´UTR of a consensus L1Hs element (N-51). The graph shows expression data in the indicated sample and the expression level detected in H9-hESCs was designated 1 for comparison (n=1 biological replica). Also indicated is the SEM and p value of the comparisons (<0.0001, 0.0001, One-way ANOVA with Tukey). .