



**Fig. S1.** Quantitative real-time PCR analysis of gene expression during hematopoietic differentiation. (A) Increased expression of mesodermal markers (BRACHYURY and MIXL1) and hematopoietic markers (C/EBP1, RUNX1, GATA2 and SCL/TAL1) during hematopoietic differentiation (day 3, 6, 9 and 12) and (B) expression of mesodermal and hematopoietic markers upon hormone (E2, P4, DM) and -like molecule (RA) treatment. Individual reactions were normalized to GAPDH. #All data are represented as mean $\pm$ SD (n=3). \* $p$ <0.05; \*\* $p$ <0.01; \*\*\* $p$ <0.001, Student's  $t$ -test.