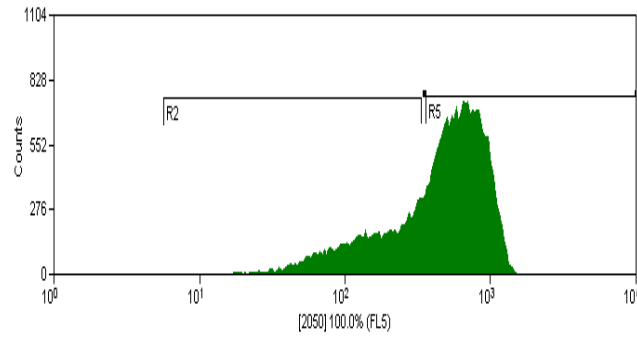
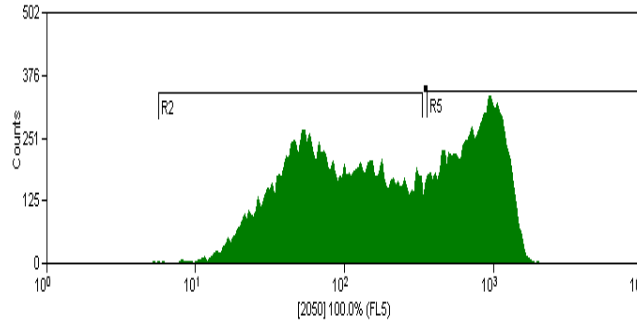


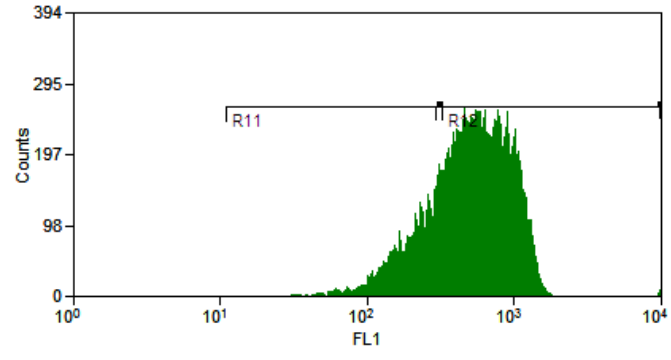
HES-3 Diploid
+FGF-2
GCTM-2⁺ 72%



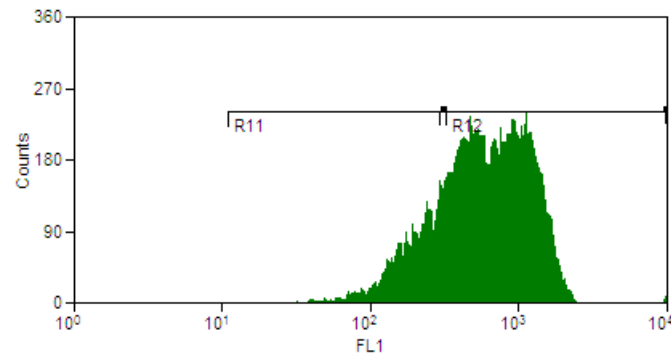
HES-3 Diploid
-FGF-2
GCTM-2⁺ 40%



HES-3 Trisomy 12
+FGF
GCTM-2⁺ 75%



HES-3 Trisomy 12
-FGF
GCTM-2⁺ 77%



Supplementary Figure 3. Differentiation of diploid or karyotypically abnormal hESC in vitro. Flow cytometric analysis of the effect of FGF-2 withdrawal on the expression of GCTM-2 stem cell marker in diploid HES-3 cells P30+21 or HES-3 cells bearing trisomy 12 P86+17. Cells were cultured in serum replacement medium in the presence of a feeder layer with or without FGF-2 for 15 days, then analysed. Percentage of GCTM-2⁺ cells relative to irrelevant isotype control is indicated.