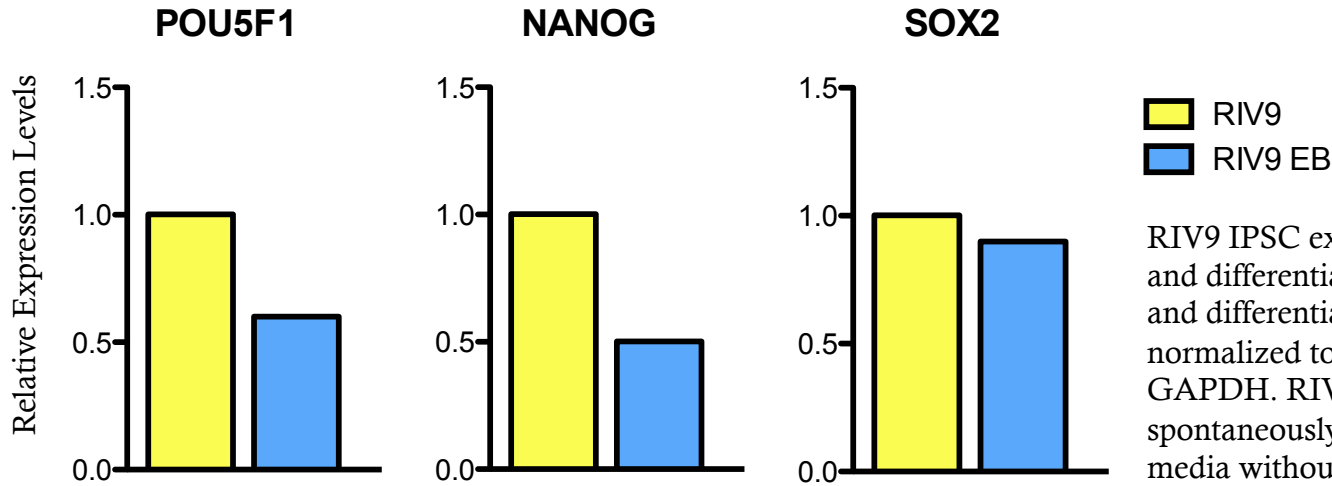


Pluripotency



RIV9 IPSC expression profiles of pluripotency and differentiation markers in undifferentiated and differentiated samples. qPCR data was normalized to housekeeping genes ACTB and GAPDH. RIV9 EB samples were allowed to spontaneously differentiate for three days in HES media without bFGF. Differentiation expression (SOX17, PAX6, T, CDX2) was significantly up-regulated in RIV9 EB samples. A concomitant loss of pluripotency expression (POU5F1, NANOG, SOX2) was observed in RIV9 EB samples.

Differentiation

