

Fig. mRNA expression of pluripotent marker genes (a)qPCR analysis of Sox2 and Oct3/4 in NAT1 \*-/- ES cells(+/-) or NAT1 \*-/- ES cells(-/-) cultured on STO with LIF or on gelatin-coated dish with retinoic acid(RA, final conc: 300 nM) for 5 days. Gene expressions were normalized by  $\beta$ -actin(n = 3, average ±s.d. , \*p < 0.05, \*\*p < 0.01).

Data from experiments in 2013.