

**Supplemental Figure 1. Dkk1** is a direct target of RA in MLg cells. (A) Real-time PCR showing reduced *Dkk1* levels in RA-treated MLg cells compared with the untreated cells. (B-C) The genomic sequence 1212 bp 5' of mouse *Dkk1* translation start site contains one RA responsive element (RARE). Transcriptional activity of the *Dkk1* promoter-luciferase transiently transfected in MLg cells is reduced in RA-treated cells compared with the untreated cells. This reduction is abolished when the RARE in the *Dkk1* promoter-luciferase is mutated (C). Asterisk: p<0.05