Figure S7. Validation of novel Runx2 target Tnfrsf19. (A) Tnfrsf19 mRNA expression increases upon differentiation. (B) Runx2 knockdown (shRunx2) significantly decreases (*: p < 0.001) the expression of Tnfrsf19 in MC3T3-E1 cells. (C) Runx2 binding at Tnfrsf19 during osteoblastogenesis. Gene annotation follows standard gene prediction display conventions used by UCSC genome browser (exons: solid boxes; introns: solid lines; direction of gene transcription: arrows). Positions of Runx2 peaks called by MACS (green bars) and Runx2 consensus motif (TGTGGT) (solid black bar) are also depicted. Input track (light blue) was included for visualizing background noise during peak calling. All values in the panel (A) and (B) are mean ± SEM from three biological replicates of experiments.