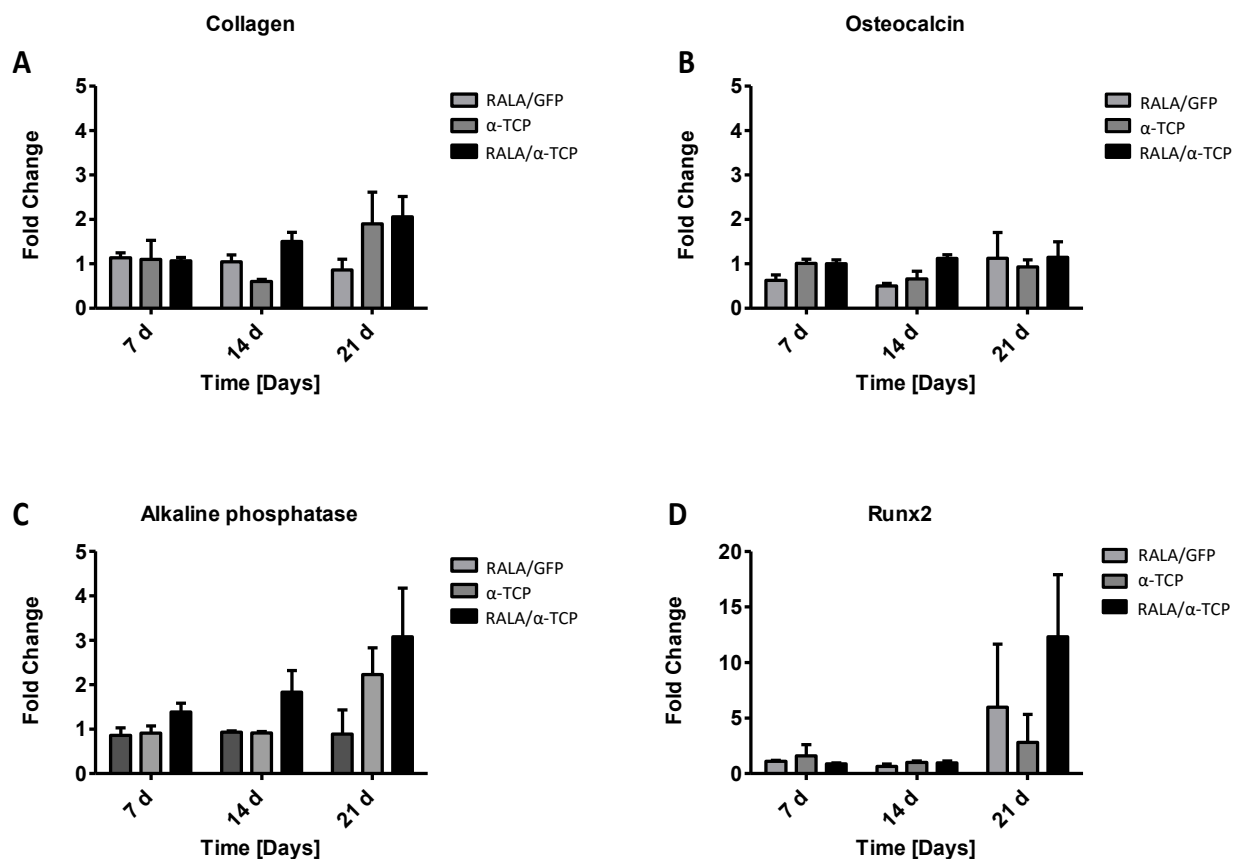




Supplementary Materials



Supplementary Figure 1. Osteogenesis-related gene expression by real-time PCR. The average mRNA levels of the RT-PCR products of osteogenic genes: collagen I, osteocalcin, alkaline phosphatase and Runx2, expressed by MG-63 cells cultured up to 21 d post-transfection with RALA/ α -TCP NPs in a 24-well plate. Expression was normalised to untreated control MG-63 cells, using GAPDH as the reference, and the relative gene expression was determined by using REST software (Qiagen, UK). (N = 3 \pm SEM). Control vs RALA/ α -TCP $p > 0.05$ for all genes, across all time points.