



Figure S5 Aspirin pretreatment increased immunomodulation of BMMSCs through TERT activation. (A) Aspirin treatment showed specific increased telomerase activity in BMMSC, but not naïve T cells. (B) Aspirin-treated human BMMSCs showed increased telomerase activity, assessed by TRAP-ELISA telomere length assay. Western blot analysis showed no increased TERT expression in Aspirin-treated human BMMSCs. In an *in vitro* coculture system, aspirin-treated human BMMSCs showed increased capacity in inducing AnnexinV⁺7AAD⁻ and AnnexinV⁺7AAD⁺ double positive apoptotic T cells. (C) there is no karyotype alteration after aspirin treatment compared to untreated group. Error bars present the s.d. from three independent experiments (***) $p < 0.005$, *) $p < 0.05$).