Supplementary Figure 6

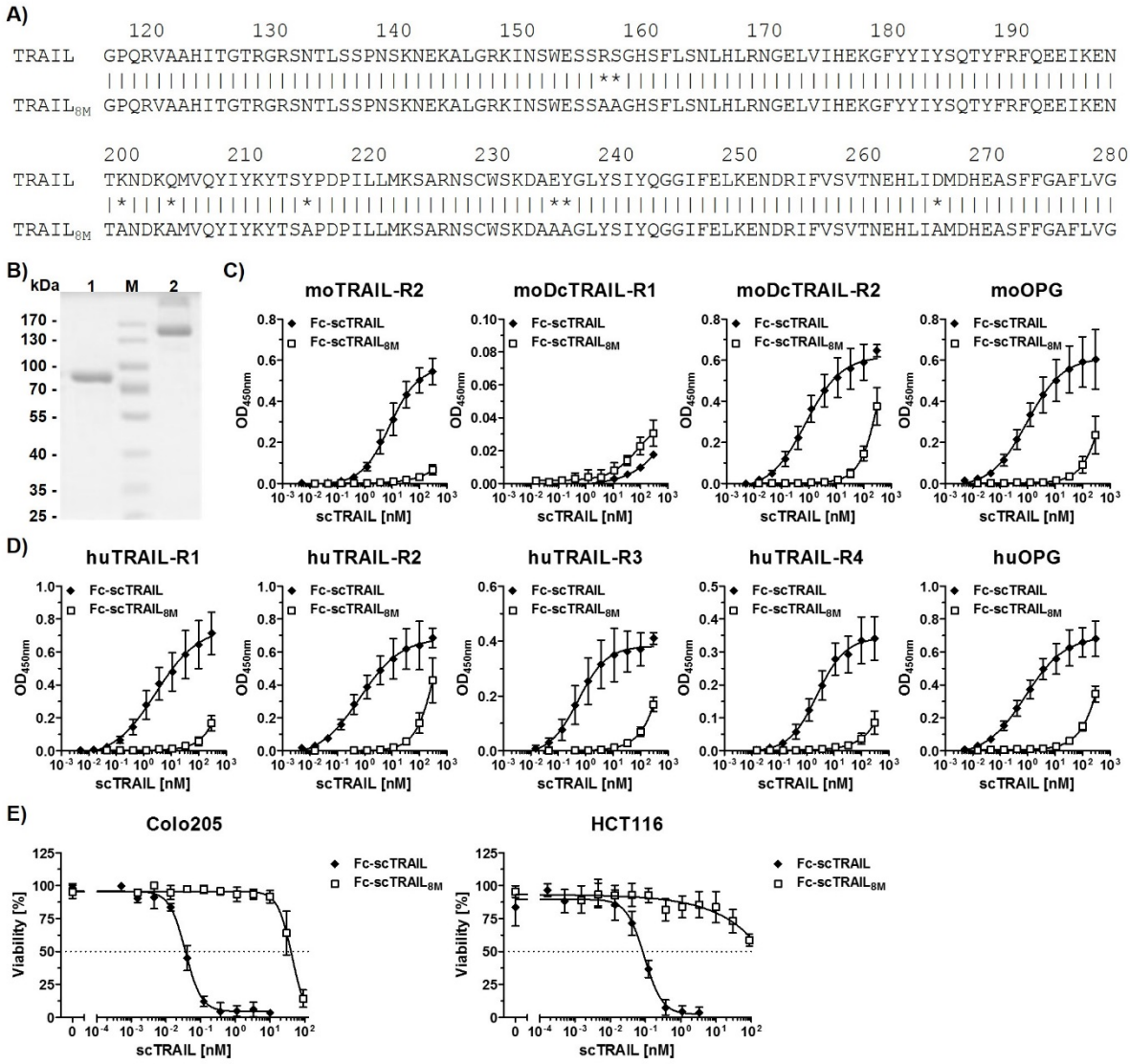

Figure S6: Biochemical and functional characterization of Fc-scTRAIL$_{8M}$. A) Sequences of TRAIL and TRAIL$_{8M}$ (aa 118 to 281 of one TRAIL protomer). Mutated amino acids are highlighted with an asterisk. B) SDS-PAGE (10% PAA) analysis of Fc-scTRAIL$_{8M}$ under reducing (lane 1) and non-reducing conditions (lane 2). 3 µg protein were analyzed per lane (lane M, molecular mass standard). C) Binding to mouse and D) human TRAIL receptors was investigated in ELISA. 150 ng receptor-Fc fusion proteins were coated per well. Bound molecules were detected with an HRP-conjugated anti-FLAG antibody and optical density was measured at 450 nm. E) Cell death induction was analyzed by MTT assay (Colo205) or crystal violet staining (HCT116) after treatment for 16 h in the absence of bortezomib.