Figure S2. Regulation of IL-22 promoter transactivation by RelA/NF-κB and NF-κB regulating kinases. (A) CD28-positive Jurkat cells were transfected with hIL-22p(-644)-GFP construct together with control vector (Vec) or HA-RelA for 24 h and analysed by flow cytometry. A representative dot plot with mean fluorescent intensity (MFI) values calculated within the gated GFP-positive cells (FL-1) of HA-RelA transfected cells is shown. (B) Data show the mean MFI ± SEM of four independent experiments. Statistical significance was calculated by Student t test. (C) Anti-RelA and anti-GAPDH western blotting of total extracts from Jurkat cells transfected as in (B). Arrows indicate the position of HA-RelA. (D) RelA fold inductions (F.I.) over the basal level of cells transfected with Vec were quantified by densitometric analysis and normalized to GAPDH levels. Data express the mean F.I. ± SEM of four independent experiments. Significance was calculated by Student t test. (E) MFI of Jurkat cells transfected with hIL-22p-GFP together with control vector (Vec) or HA-IKKα, or HA-IKKβ or HA-NIK. Bars show the mean ± SEM of three independent experiments. Statistical significance was calculated by Student t test. (F) Anti-HA and anti-GAPDH western blotting of total extracts from Jurkat cells transfected as in (E). Arrows indicate the position of HA-IKKα, HA-IKKβ and HA-NIK. (G) Protein fold inductions (F.I.) over the basal level of cells transfected with Vec were quantified by densitometric analysis and normalized to GAPDH levels. Data express the mean F.I. ± SEM of three independent experiments. Significance was calculated by Student t test. The position of molecular weight markers (MW) is indicated. *p < 0.05, **p < 0.001, ***p < 0.0001.