S3 Fig. Apoptosis in T cells of separately housed *Cd4^cre Ahr^fl/fl* mice. (**A**) Gene expression analysis (qPCR array) performed on spinal cord RNAs prepared from separately housed *Cd4^cre Ahr^fl/fl* mice and *Ahr^fl/fl* littermate controls at the peak of disease (Day 16) shows increased pro-apoptotic transcripts and decreased anti-apoptotic transcript. (**B**)qPCR of spinal cord homogenate at peak of disease for the apoptosis related markers shown in (A) (Males and Females; n=6-7 mice/group, N=2 experiments). (**C**) Gating strategy for Annexin 5+ apoptotic and necrotic cells shown in show in Fig 4 and S3D-E Fig. (**D**) Quantification of total dead cells in separately housed T_H17 skewed cells (n=3 mice/group; N=1 experiment; Unpaired T Test [p=0.5130]). (**E**) T cells skewed to T_H1, T_H2, or T_{reg} *in vitro* from separately housed *Cd4^cre Ahr^fl/fl* mice have higher levels of the apoptotic marker Annexin 5 after 24 hours of CD3 stimulation. (n=3/group; N=1 experiment; Unpaired T tests [p=0.4276, 0.0078, 0.0442])