

S Fig. 1: BioGPS databases analyses of EHD family of proteins

mRNA expression levels in mouse CD4⁺T-cells. Red box showing

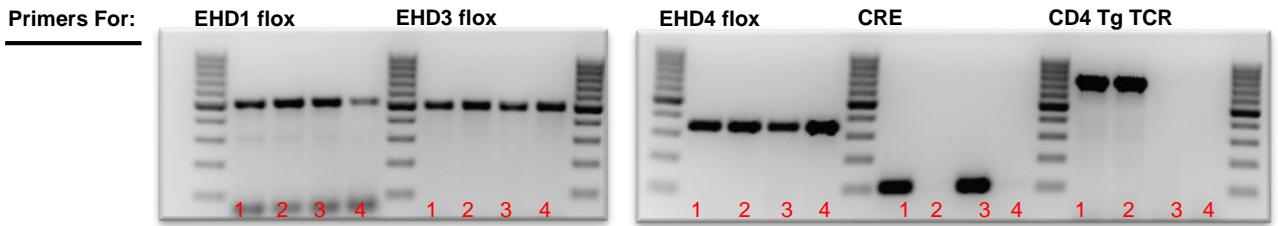
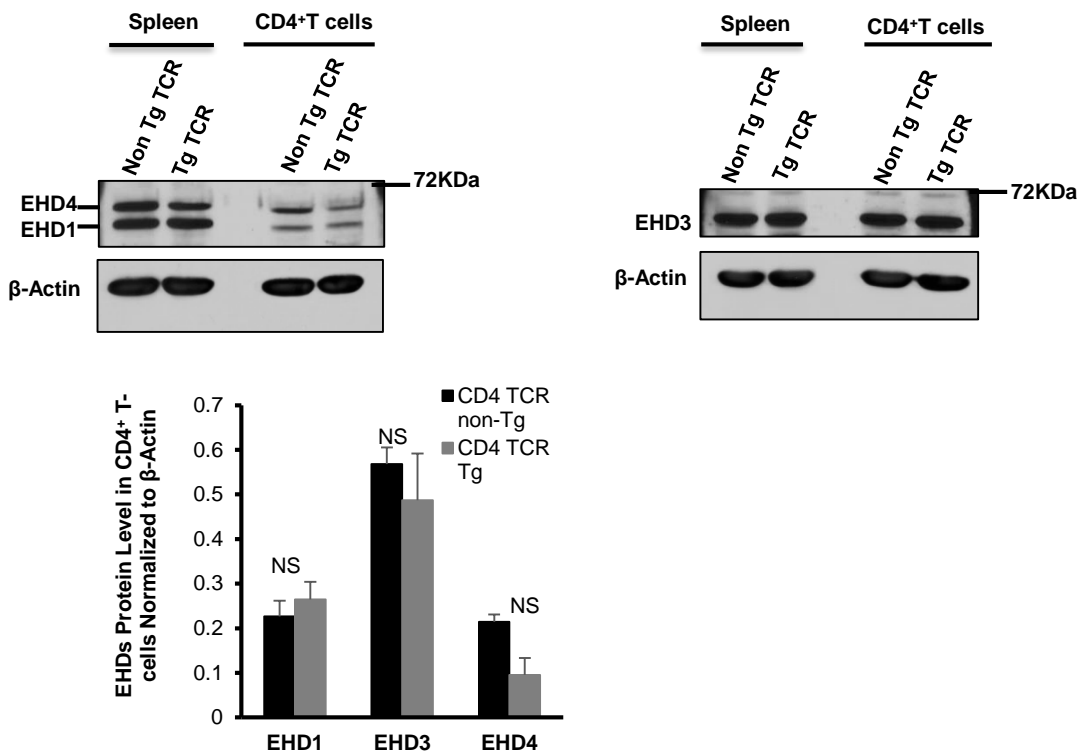
mRNA level of **A)** EHD1 (<http://biogps.org/#goto=genereport&id=13660>),

B) EHD2 (<http://biogps.org/#goto=genereport&id=259300>), **C)** EHD3

(<http://biogps.org/#goto=genereport&id=57440>) and **D)** EHD4

(<http://biogps.org/#goto=genereport&id=98878>) in mouse CD4⁺T cells.

Cropped and zoomed images are shown.

A**PCR Genotyping of Targeted Alleles****B****S Fig. 2: The CD4 Transgenic TCR Mice (2D2) Express Normal Levels of EHD Proteins. A)**

An example of tail PCR showing the presence of floxed alleles targeted for conditional deletion of EHD1/3/4 genes in CD4-Cre-bearing mouse T-cells. Shown is an example of 4 individual pups (#1, 2, 3, & 4) with or without CD4-Cre and Tg TCR, and carrying EHD (1, 3, 4)^{flox/flox} genes. **B)**

Western blot of cell lysates of spleen cells and CD4⁺ T-cells from LN of CD4-Cre negative; Tg TCR⁺ and Tg TCR⁻ (non-transgenic) mice. Non-transgenic TCR littermate was used as control. The membrane was stripped and re-probed for EHD3. N=3.