

Requirement for Itk kinase activity for Th1, Th2, Th17 and iNKT cell cytokine production revealed by an allele sensitive mutant

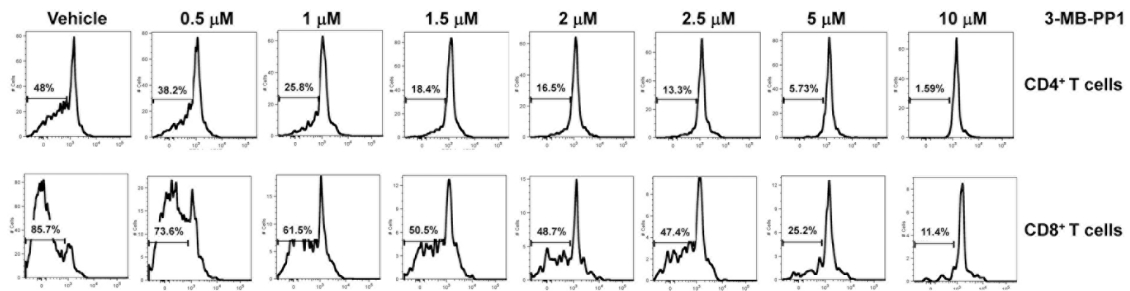
Arun Kannan, YongChan Lee, Qian Qi, Weishan Huang, Ah-Reum Jeong[†], Sarah Ohnigian and Avery August¹

Program in Infection and Pathobiology, Department of Microbiology & Immunology, Cornell University, Ithaca, NY, 14853, [†]Keck School of Medicine of University of Southern California, Los Angeles, CA 90089

¹Address correspondence to:

Dr. Avery August
Department of Microbiology & Immunology
College of Veterinary Medicine
VMC 5171
Cornell University
Ithaca, NY
(607) 253-3402 (Ofc)
(607) 253-4058 (Fax)
email: averyaugust@cornell.edu

Supplemental Figure 1



Supplemental Figure 1. CD8⁺ T cells proliferate more than CD4⁺ T cells in response to CD3/CD28 stimulation. Splenocytes from *Tg(CD2-hItkas)Itk^{-/-}* mice were loaded with CFSE and stimulated with α -CD3/CD28 for 72 hrs in the presence of varying concentrations of 3-MB-PP1 and CFSE dilution of CD4⁺TCR β ⁺ (Top) and CD8⁺TCR β ⁺ cells (bottom) determined.