

Construction of a reporter for Src kinase activity at the TCR

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T cells get activated after antigen binding to the TCR. Many signaling pathways are well described, but the very proximal events describing how the TCR becomes phosphorylated by the Src kinase Lck are poorly understood. Our main interest is to understand, how Lck is able to phosphorylate the TCR and how Lck activity is regulated by the TCR.