

Dysfunctional BLK in common variable immunodeficiency perturbs B-cell proliferation and ability to elicit antigen-specific CD4⁺ T-cell help

Supplementary Material

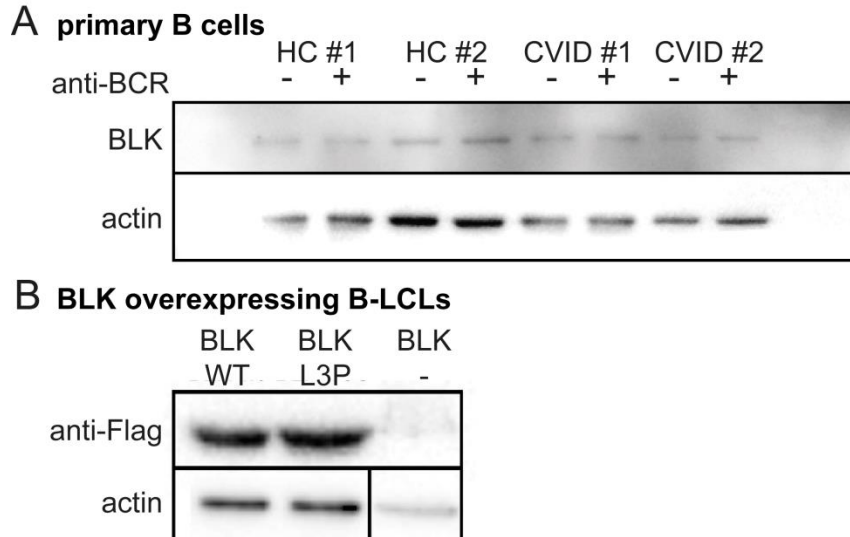


Figure S1: BLK protein expression. (A) Expression of endogenous BLK protein in primary CD19⁺ B cells of healthy or L3P-BLK CVID patients, or (B) common and L3P variant construct-derived BLK protein, as determined by western blots.

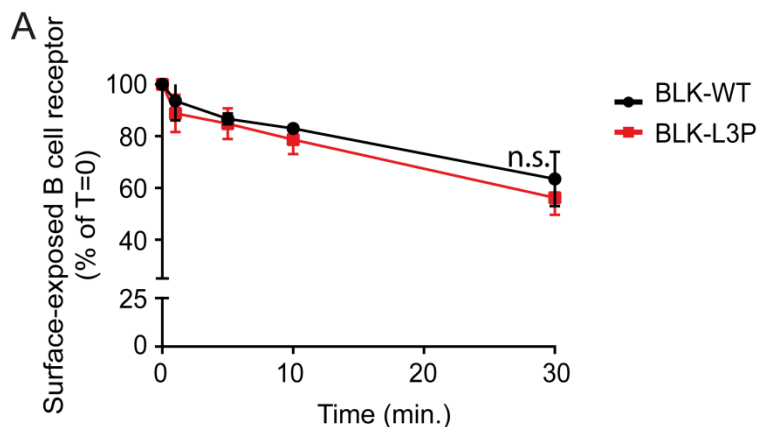


Figure S2: Ligand-induced B cell receptor internalization. (A) Surface exposed B cell receptor upon cross-linking with anti-IgG antibodies over time on B-LCLs expressing either L3P- or common BLK variant. *P-value <0.05, **P-value <0.01, Two-tailed Wilcoxon-signed rank test.