Engineered IL-10 variants elicit potent immunomodulatory effects at low ligand doses

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Isolation of PBMCs or CD8+ T cells

α-CD3 + IL-2

Flow cytometry

Phospho-flow cytometry

EC50 pSTAT1 (Tyr^701)

EC50 pSTAT3 (Tyr^705)

Ratio pSTAT1:pSTAT3

Fold Change

Granzyme B

α-CD3 + IL-2

IL-2

IL-10

IL-2

Phospho-flow cytometry