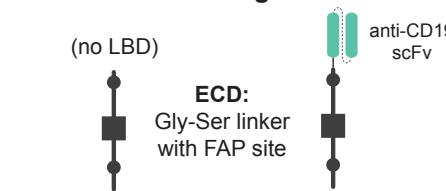
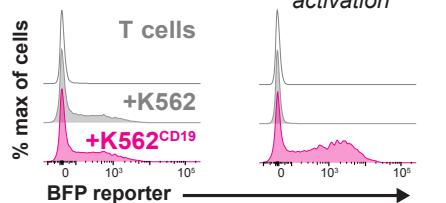


**A**

### Protease sites can regulate SNIPR signaling



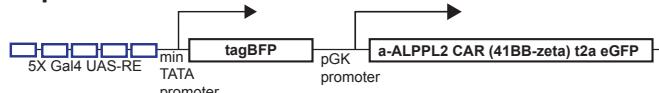
*Co-culture triggers SNIPR activation*



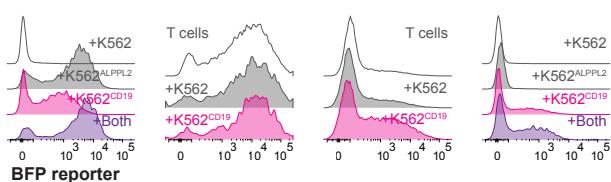
*scFv inhibits ligand-independent activation*

**B**

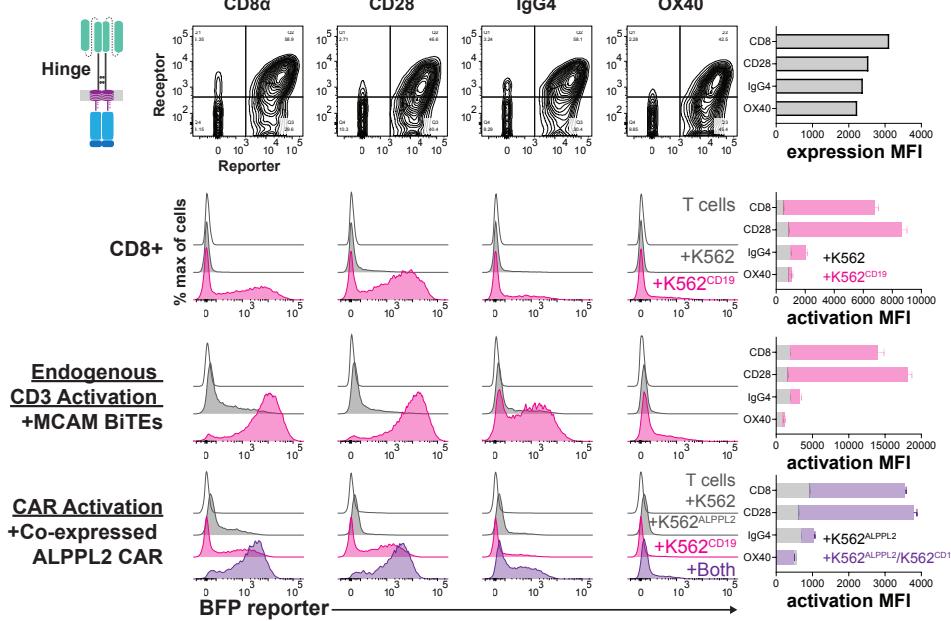
### Reporter construct with constitutive CAR



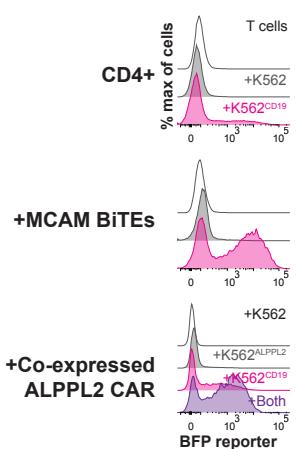
**C** Notch1  $\Delta$ NRR Notch2  $\Delta$ NRR Notch3  $\Delta$ NRR Notch4  $\Delta$ NRR

**D**

### SNIPRs built with hinges derived from clinical CARs

**E**

### Full-length CD8α hinge Notch receptor in CD4+

**F**

### The CD8α hinge ECD can be optimized through truncation

