

Figure S1

A

□ AF □ KC (--) □ KC ($\text{IFN}\gamma$)

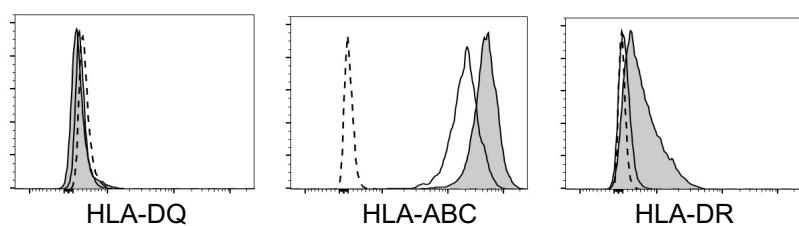
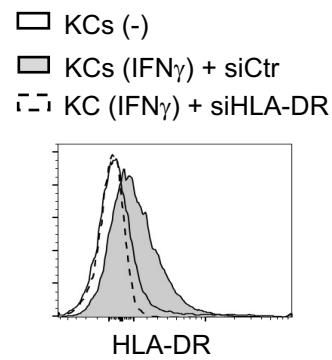
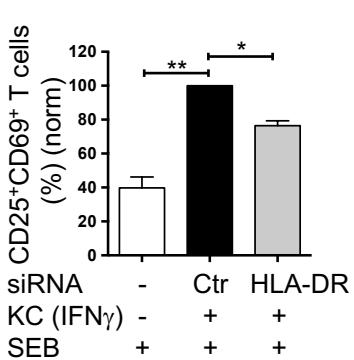
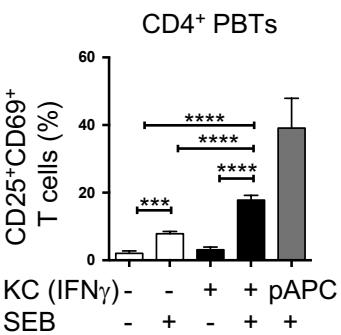
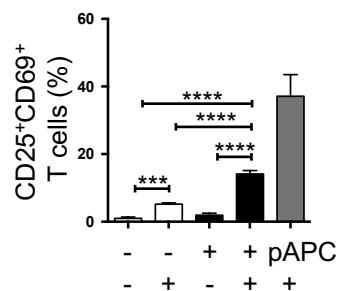
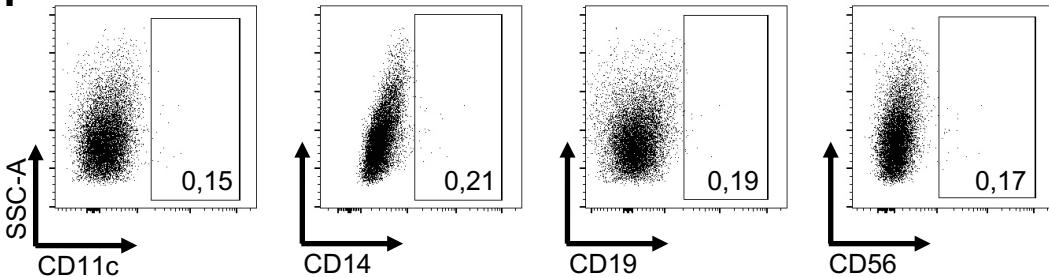
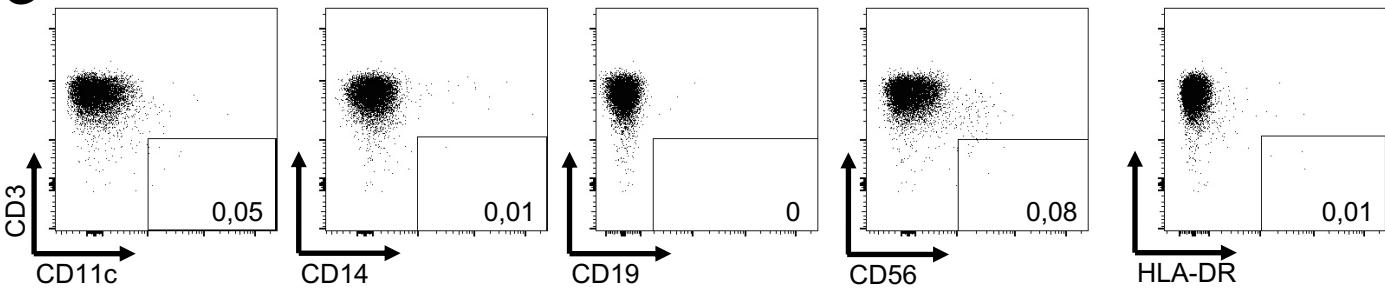
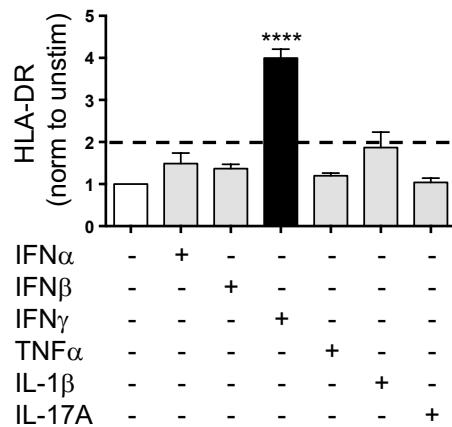
**C****D****E****CD8⁺ PBTs****F****G****B**

Figure S2

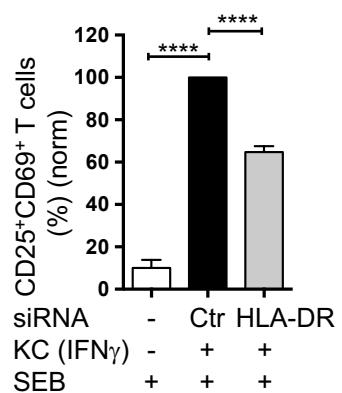
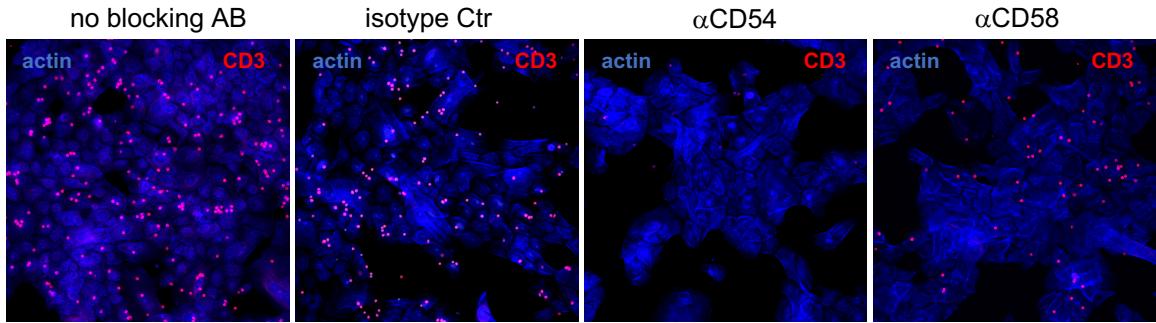


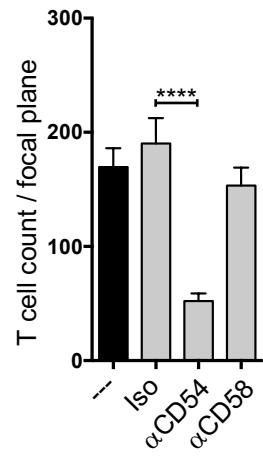
Figure S3

A

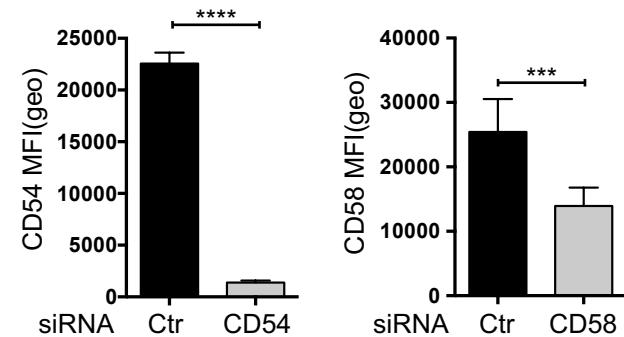
IFN γ -pretreated keratinocytes + naïve T cells



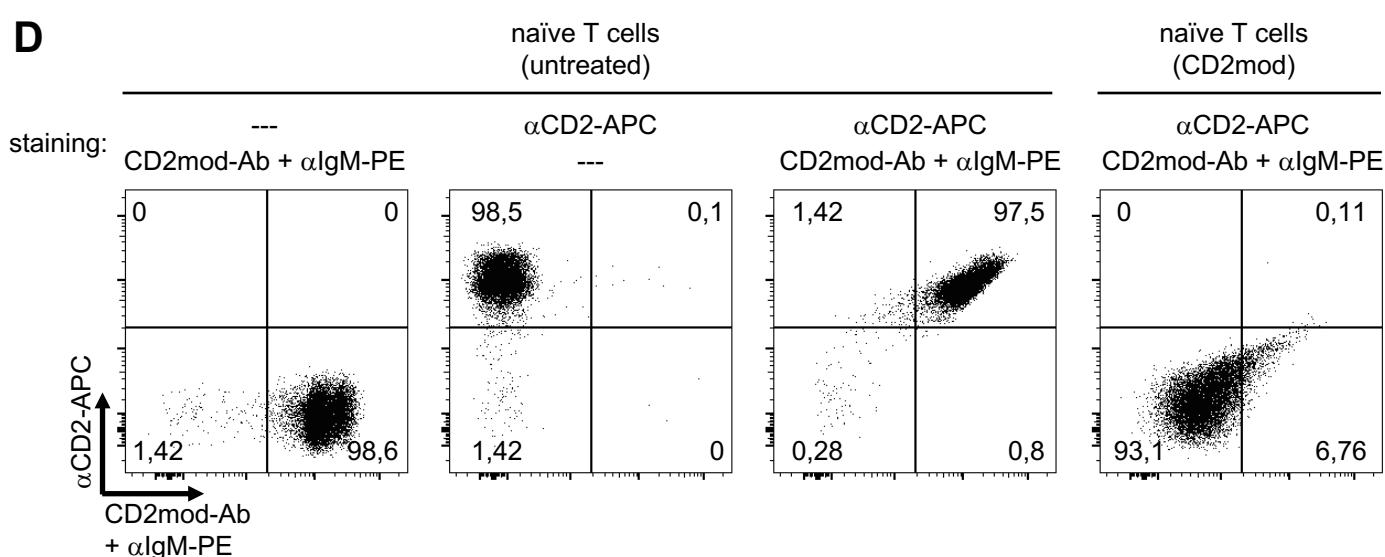
B



C



D



E

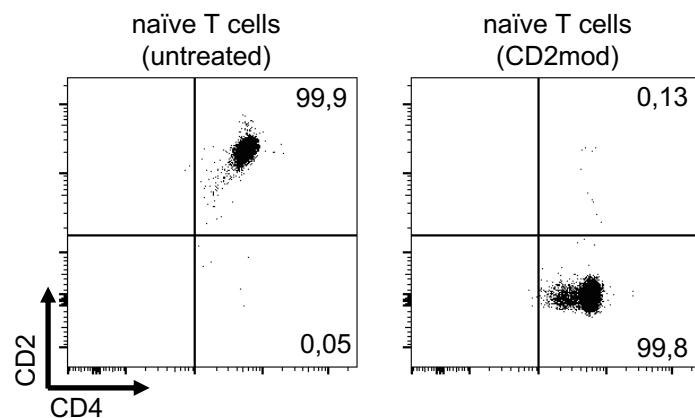
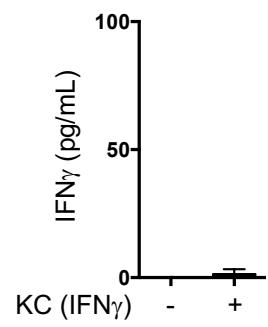


Figure S4

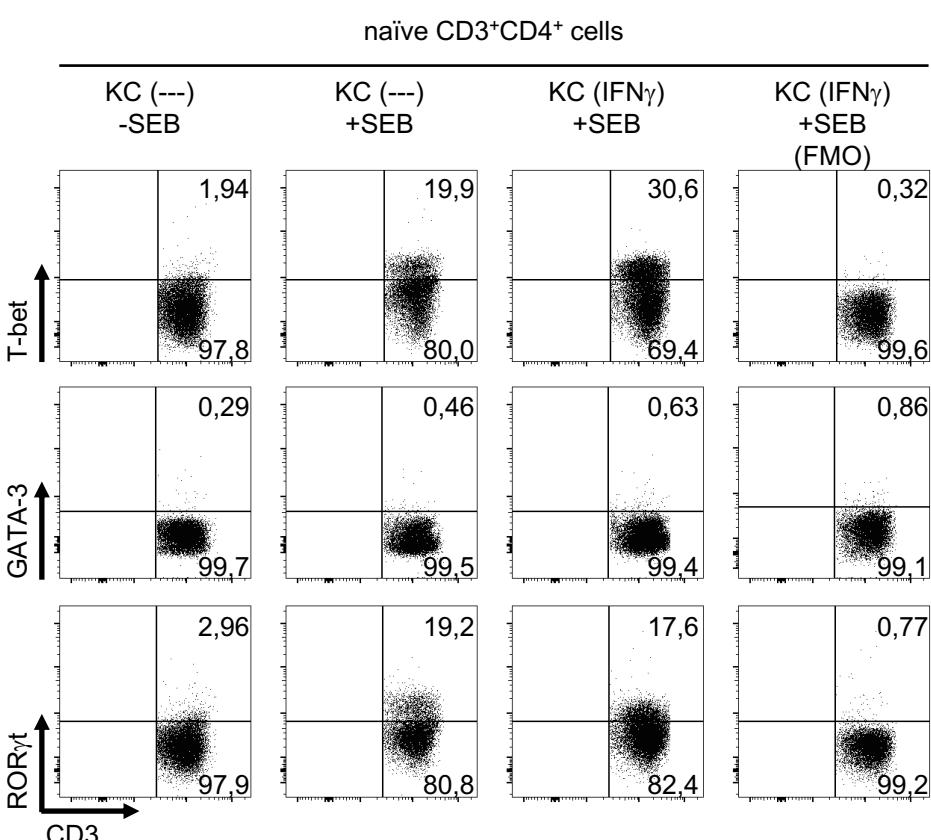
A

	KC (-) -SEB	KC (-) +SEB	KC (IFN γ) +SEB	pAPC +SEB
IL-5	n.d.	n.d.	n.d.	n.d.
IL-13	<100 pg/mL	<100 pg/mL	<100 pg/mL	<100 pg/mL
IL-2	<100 pg/mL	533,8 pg/mL	3149 pg/mL	8473 pg/mL
IL-6	367,2 pg/mL	908,4 pg/mL	900,2 pg/mL	<100 pg/mL
IL-9	<100 pg/mL	<100 pg/mL	<100 pg/mL	<100 pg/mL
IL-10	<100 pg/mL	<100 pg/mL	141,5 pg/mL	175,5 pg/mL
IFNg	<100 pg/mL	4572,6 pg/mL	15389 pg/mL	15389 pg/mL
TNF α	<100 pg/mL	11,6 pg/mL	155,9 pg/mL	9512,74 pg/mL
IL-17A	n.d.	n.d.	n.d.	n.d.
IL-17F	n.d.	n.d.	n.d.	n.d.
IL-4	n.d.	n.d.	n.d.	n.d.
IL-21	n.d.	n.d.	n.d.	n.d.
IL-22	n.d.	n.d.	n.d.	n.d.

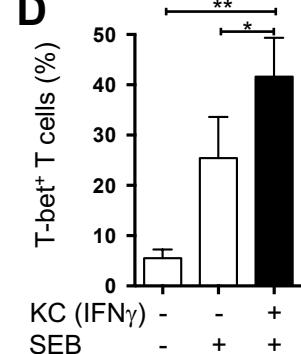
B



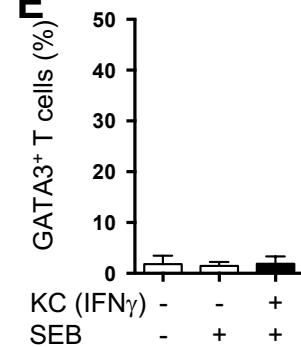
C



D



E



F

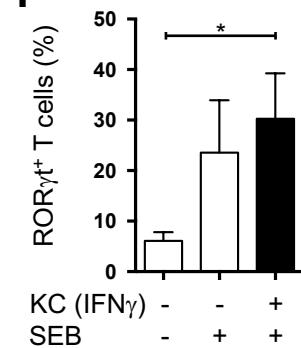


Figure S5

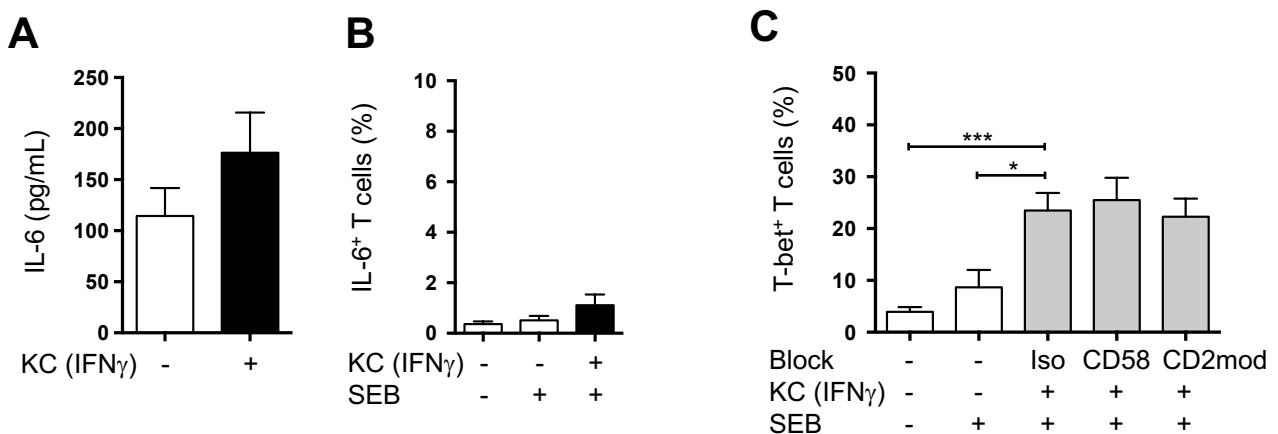


Figure S6

A

z score (log2)

untreated KCs + naïve T cells	IFN γ -treated KCs + naïve T cells
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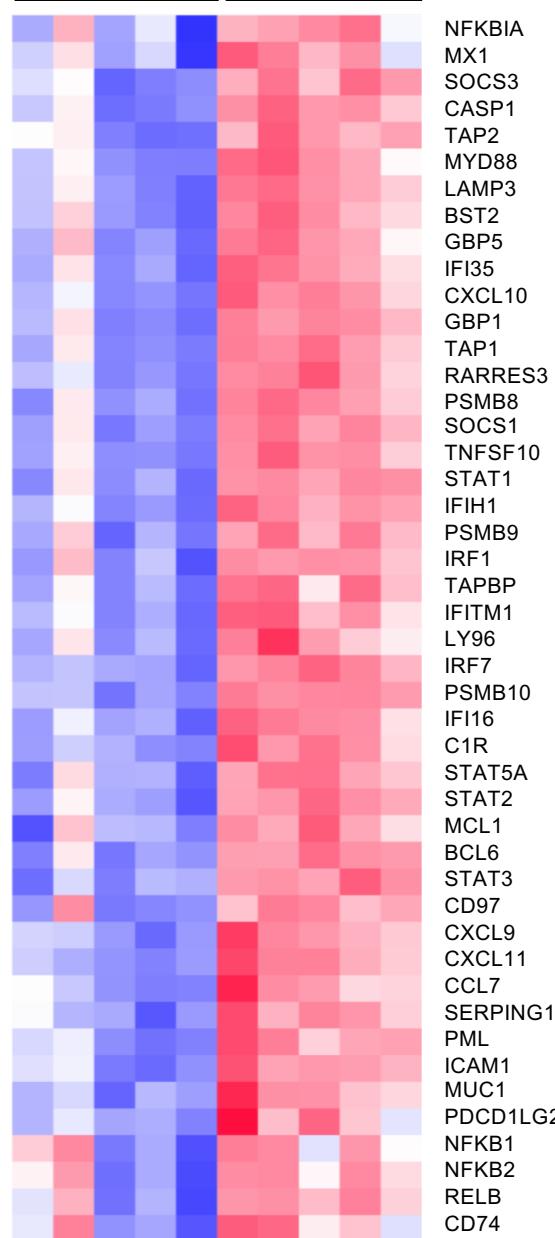
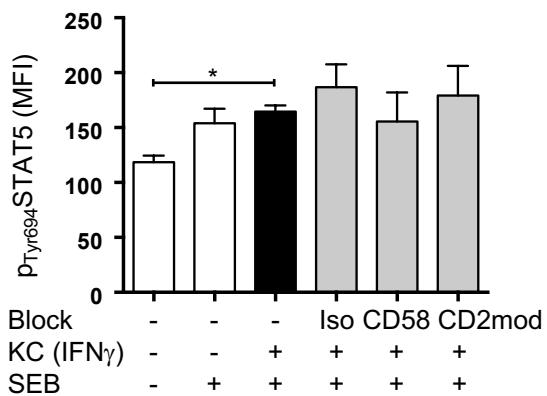
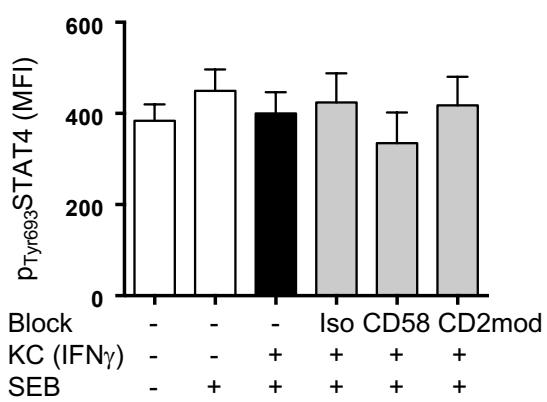
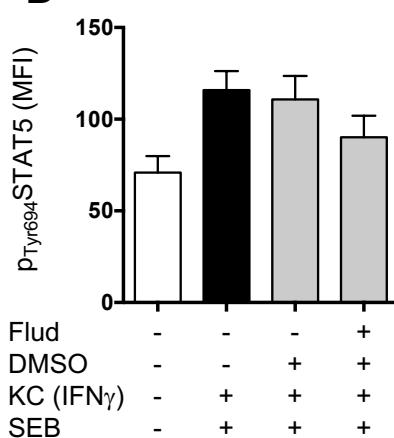
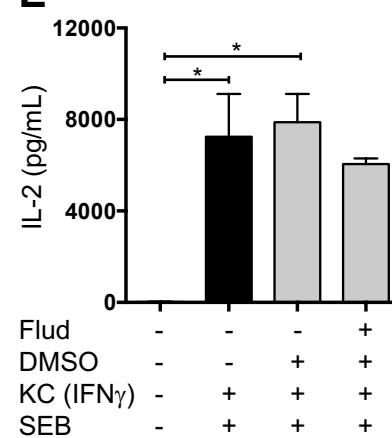
**B****C****D****E**

Figure S7

