Table S1, related to Figure 6 and Figure S5 Range of parameter values used for the MAPPA framework

Name	Name in the main text	min	max
ν	TCR$^{\text{off-rate}}$	0.2	0.4
$K_{TCR \rightarrow IL2R\alpha}$	TCR_EC50$^{\text{IL-2R}\alpha}$	0.1	1
$K_{costim \rightarrow IL2R\alpha}$	CD28_ EC50$^{\text{IL-2R}\alpha}$	10	100
$K_{JAK \rightarrow pSTAT5}$	JAK_EC50$^{\text{pSTAT5}}$	0.01	0.1
$K_{TCR \rightarrow IL2}$	TCR_EC50$^{\text{IL-2}}$	0.1	1
$K_{costim \rightarrow IL2}$	CD28_EC50$^{\text{IL-2}}$	10	100
$K_{pSTAT5 \rightarrow IL2}$	pSTAT5_EC50$^{\text{IL-2}}$	0.1	1
D_{IL2}	IL-2$^{\text{D}}$	10	100
n_{tr}	Treg$^{\lambda}$	0.0001	0.001
f_{cont_low}	Treg$^{\text{Contact\_baseline}}$	0.1	0.4
f_{cont_high}	Treg$^{\text{Contact\_stimulated}}$	1	2.5
$L_{antigen}$	[Antigen]	100	1,000
$L_{CD80|CD86}$	[CD80/86]	100,000	1000,000