

Supplementary information, Table S8 Summary of the CD8 enhancement power to TCR–pMHC bi-molecular lifetimes.

Forge regime	2–5 pN		9–12 pN		16–19 pN	
Metrics TCR–pMHC pairs	CD8 enhancement power	± SEM	CD8 enhancement power	± SEM	CD8 enhancement power	± SEM
2C-TCR–L4-MHC	0.83	0.21	1.02	0.42	2.43	1.63
m33-TCR–L4-MHC	1.26	0.81	5.70	3.90	2.23	1.05
m67-TCR–L4-MHC	0.34	0.15	4.36	1.65	1.59	1.03
2C-TCR–R4-MHC	0.78	0.23	3.04	0.57	2.07	0.83
m33-TCR–R4-MHC	0.28	0.14	3.40	1.28	1.91	0.90
m67-TCR–R4-MHC	1.31	0.86	1.11	0.34	1.06	0.49
2C-TCR–R4-MHC– CD8 (Ile2Ala)	1.85	0.59	1.46	0.43	1.31	0.44
MAG-IC3-TCR– MAGE-A3	5.40	2.21	0.65	0.30	2.25	2.45
MAG-IC3-TCR–Titin	0.47	0.13	1.64	1.18	0.81	0.61