

Supplementary Table 1. TCR sequences of Specific and Cross Reactive TCRs

T Cell	Source	Peptide reactivity	MHC alleoreactivity	TCR α	TCR α CDR3	TCR β	TCR β CDR3
B3K506	C57BL/6	Specific	none	4.1 J α 27 (34)	CALVISNTNKVVFG	8.1 J β 2.3	CASIDSSGNTLYFG
B3K508	C57BL/6	Specific	none	2.3 J α 24 (31)	CAASKGNNRIFFG	14 J β 2.3	CAWSLGGVAETLYFG
YAe62.8	I-A ^b -SP	Cross-reactive	H2-b, bm12, k, q, r, s, u	4S6/12 J α 11	CAANSPTYQRFG	8.2 J β 2.4	CASGDFWGDLYFG
75-1	I-A ^b -SP	Cross-reactive	H2-b, bm12, d, s	2S3 J α 35 (43)	CAASKNAPRFG	8.1 J β 2.6	CASSDSSSYEQYFG
2W20.4	I-A ^b -SP	Cross-reactive	H2-b, bm12, q, r, u	2S3 J α 24	CAASDNRIFFG	8.2 J β 2.6	CASGDAWGGEYQYFG

T cell peptide and MHC reactivity was determined previously.

T cells were screened for MHC alleoreactivity on H2-b, bm12, d, f, k, q, r, s, and u.