

Supplemental Table 1. Measured affinities of assay reference ligands and negative controls.

Mamu assay	Peptide	Sequence	IC50 nM (geomean)	SD (* / ÷)^a
A2*01:02	Ligand	SHSHVGYTL	0.53	2.7
	Negative control	GKMDHVMAK	43212	1.3
A7*01:03	Ligand	RAEDNADYL	0.71	3.9
	Negative control	KIILSQEQE	>75000	-
B*066:01	Ligand	YFAIAENESK	0.39	2.7
	Negative control	FTLPSVNNA	9027	2.3
B*090:01	Ligand	MSAPPAEYK	0.27	2.9
	Negative control	VVMAYVGIK	6889	2.3
B*010:01	Ligand	SHIDRVYTL	0.41	3.0
	Negative control	SRYWAIRTR	28084	2.1
B*087:01	Ligand	SDIDGDYRV	0.43	1.8
	Negative control	CDKHYWDAI	11402	1.4

^a Standard deviations of the geometric mean of the IC50 nM concentrations