

**Table S6 - Comparisons between iMatrix and one-matrix of three MHC class I alleles on 389 complete pathogen database**

MHC allele	iMatrix				One-matrix				(A)/(B)
	No. of hits (A)	Positive hits	Negative hits	Precision	No. of hits (B)	Positive hits	Negative hits	Precision	
HLA-A0201	701,897	360	187	0.66	511,587	265	135	0.66	1.37
H-2-Kb	933,281	44	91	0.33	537,425	28	69	0.29	1.74
H-2-Ld	386,429	119	63	0.65	264,302	97	49	0.66	1.46