

Table S1. HLA II molecules used for predicting peptide binding.

HLA-DRB1		HLA-DQA1/DQB1	
Molecule	Prediction Method	Molecule	Prediction Method
DRB1*01:01	RANKPEP and NETMHCII	DQA1*01:01/B1*05:01	RANKPEP and NETMHCII
DRB1*01:03	NETMHCII	DQA1*01:02/B1*05:01	NETMHCII
DRB1*03:01	RANKPEP and NETMHCII	DQA1*01:02/B1*05:02	NETMHCII
DRB1*04:01	RANKPEP and NETMHCII	DQA1*01:02/B1*06:02	RANKPEP and NETMHCII
DRB1*04:02	RANKPEP and NETMHCII	DQA1*01:03/B1*06:03	NETMHCII
DRB1*04:03	NETMHCII	DQA1*01:04/B1*05:03	NETMHCII
DRB1*04:04	RANKPEP and NETMHCII	DQA1*02:01/B1*02:02	NETMHCII
DRB1*04:05	RANKPEP and NETMHCII	DQA1*02:01/B1*03:01	NETMHCII
DRB1*07:01	RANKPEP and NETMHCII	DQA1*02:01/B1*03:03	NETMHCII
DRB1*08:01	RANKPEP and NETMHCII	DQA1*02:01/B1*04:02	NETMHCII
DRB1*08:02	NETMHCII	DQA1*03:01/B1*03:01	NETMHCII
DRB1*09:01	RANKPEP and NETMHCII	DQA1*03:01/B1*03:02	RANKPEP and NETMHCII
DRB1*10:01	NETMHCII	DQA1*03:03/B1*04:02	NETMHCII
DRB1*11:01	RANKPEP and NETMHCII	DQA1*04:01/B1*04:02	NETMHCII
DRB1*11:04	RANKPEP and NETMHCII	DQA1*05:01/B1*02:01	RANKPEP and NETMHCII
DRB1*13:01	RANKPEP and NETMHCII	DQA1*05:01/B1*03:01	NETMHCII
DRB1*13:02	RANKPEP and NETMHCII	DQA1*05:01/B1*03:02	NETMHCII
DRB1*15:01	RANKPEP and NETMHCII	DQA1*05:01/B1*03:03	NETMHCII
DRB1*15:02	NETMHCII	DQA1*05:01/B1*04:02	NETMHCII
DRB1*16:02	NETMHCII	DQA1*06:01/B1*04:02	NETMHCII