

<b>Table S3. Various Epitope Prediction Methods and Correlation with Experimental Binding<sup>a</sup></b>				
<b>Prediction Method and Predictive Binding Threshold</b>	<b>Fraction Correct<sup>b</sup></b>			
	<b>DRB1*0101</b>	<b>DRB1*0401</b>	<b>DRB1*0701</b>	<b>DRB1*1501</b>
<b>Propred 5% Threshold</b>	0.62	0.76	0.59	0.62
<b>IEDB Concensus 5% Threshold</b>	0.52	0.76	0.59	0.52
<b>IEDB Concensus 10% Threshold</b>	0.55	0.83	0.59	0.66
<b>NNAlign 50 nM Threshold</b>	0.76	0.62	0.66	0.48
<b>NNAlign 1000 nM Threshold</b>	0.52	0.76	0.69	0.90

a Predicted binding at the specified threshold was compared to experimental binding at a 100  $\mu$ M threshold

b Fraction correct predictions are taken from Figure 6, Table S4, and Table S5