



**nHLAPred**  
**A neural network based MHC Class-I Binding Peptide Prediction Server**

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Antigen Name	Untitled
Scanned on	Tue Feb 23 16:45:02 2010
Length of input sequence	100 amino acids
Number of nonamers from input sequence	92
Threshold setting	.5
Number of alleles in query	67
Number of top scorers to be displayed	4
Number of top scorers to be displayed	4
Proteosome Filter	on at 5 threshold
ImmunoProteosome Filter	on at 5 threshold

ALLELE: HLA-A1				
Threshold for .5 % with score: .5				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNs+QM</b>	1	GAAGTAAQA	45	0.590
<b>ANNs+QM</b>	2	EMKTDAATL	3	0.490
<b>ANNs+QM</b>	3	GTAAQAAVV	48	0.150
<b>ANNs+QM</b>	4	TAAQAAVVR	49	0.110

ALLELE: HLA-A2				
Threshold for .5 % with score: .5				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNs+QM</b>	1	GTAAQAAVV	48	0.440
<b>ANNs+QM</b>	2	GAAGTAAQA	45	0.010
<b>ANNs+QM</b>	3	MAEMKTDAA	1	0.000

ALLELE: HLA-A*0201
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Threshold for .5 % with score: .5				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	GTAAQAAVV	48	0.970
<b>ANNS+QM</b>	2	QVESTAGSL	31	0.300
<b>ANNS+QM</b>	3	GAAGTAAQA	45	0.060
<b>ANNS+QM</b>	4	GQWRGAAGT	41	0.050

ALLELE: HLA-A*0202				
Threshold for .5 % with score: .5				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	GTAAQAAVV	48	1.000
<b>ANNS+QM</b>	2	GAAGTAAQA	45	0.720
<b>ANNS+QM</b>	3	EMKTDAATL	3	0.400
<b>ANNS+QM</b>	4	TAAQAAVVR	49	0.250

ALLELE: HLA-A*0203				
Threshold for .5 % with score: .5				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	GTAAQAAVV	48	0.980
<b>ANNS+QM</b>	2	GAAGTAAQA	45	0.940
<b>ANNS+QM</b>	3	GQWRGAAGT	41	0.200
<b>ANNS+QM</b>	4	QVESTAGSL	31	0.120

ALLELE: HLA-A*0206				
Threshold for .5 % with score: .5				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	GTAAQAAVV	48	0.620
<b>ANNS+QM</b>	2	QVESTAGSL	31	0.120
<b>ANNS+QM</b>	3	QWRGAAGTA	42	0.080
<b>ANNS+QM</b>	4	GAAGTAAQA	45	0.040

ALLELE: HLA-A*0205				
Threshold for 4 % with score: 5.950				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	EMKTDAATL	3	9.420
QM	2	GTAAQAAVV	48	5.940
QM	3	GQWRGAAGT	41	4.920
QM	4	QWRGAAGTA	42	3.560

ALLELE: HLA-A*1101				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNS+QM	1	TAAQAAVVR	49	1.000
ANNS+QM	2	GTAAQAAVV	48	0.080
ANNS+QM	3	TDAATLAQE	6	0.020
ANNS+QM	4	QVESTAGSL	31	0.020

ALLELE: HLA-A11				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNS+QM	1	TAAQAAVVR	49	1.000
ANNS+QM	2	GTAAQAAVV	48	0.390
ANNS+QM	3	TDAATLAQE	6	0.270
ANNS+QM	4	GQWRGAAGT	41	0.120

ALLELE: HLA-A24				
Threshold for 4 % with score: 7.670				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	QVESTAGSL	31	8.830
QM	2	EMKTDAATL	3	6.280
QM	3	TAAQAAVVR	49	0.880

ALLELE: HLA-A*2402				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	EMKTDAATL	3	0.320
<b>ANNS+QM</b>	2	QWRGAAGTA	42	0.110
<b>ANNS+QM</b>	3	QVESTAGSL	31	0.010
<b>ANNS+QM</b>	4	GQWRGAAGT	41	0.010

ALLELE: HLA-A3				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	TAAQAAVVR	49	0.960
<b>ANNS+QM</b>	2	QWRGAAGTA	42	0.740
<b>ANNS+QM</b>	3	GAAGTAAQA	45	0.740
<b>ANNS+QM</b>	4	GQWRGAAGT	41	0.340

ALLELE: HLA-A*3101				
Threshold for 4 % with score: -1.609				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	TAAQAAVVR	49	-1.609
<b>QM</b>	2	QVESTAGSL	31	-3.912
<b>QM</b>	3	GTAAQAAVV	48	-4.605

ALLELE: HLA-A31				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	TAAQAAVVR	49	0.690
<b>ANNS+QM</b>	2	GTAAQAAVV	48	0.280
<b>ANNS+QM</b>	3	EMKTDAATL	3	0.080
<b>ANNS+QM</b>	4	GQWRGAAGT	41	0.050

ALLELE: HLA-A*0301				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	QVESTAGSL	31	0.690
<b>ANNS+QM</b>	2	QWRGAAGTA	42	0.540
<b>ANNS+QM</b>	3	GAAGTAAQA	45	0.400
<b>ANNS+QM</b>	4	EMKTDAATL	3	0.260

ALLELE: HLA-A*3302				
Threshold for 4 % with score: -0.105				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	TAAQAAVVR	49	1.099
<b>QM</b>	2	EMKTDAATL	3	0.405
<b>QM</b>	3	QVESTAGSL	31	-0.693

ALLELE: HLA-A68.1				
Threshold for 4 % with score: 1.609				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	TAAQAAVVR	49	2.303
<b>QM</b>	2	QVESTAGSL	31	1.386
<b>QM</b>	3	GTAAQAAVV	48	0.693

ALLELE: HLA-A20 Cattle				
Threshold for 4 % with score: 3.401				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	TAAQAAVVR	49	3.689
<b>QM</b>	2	EMKTDAATL	3	3.219
<b>QM</b>	3	QVESTAGSL	31	1.609
<b>QM</b>	4	GTAAQAAVV	48	1.099

ALLELE: HLA-A2.1				
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Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	GQWRGAAGT	41	0.900
<b>ANNS+QM</b>	2	GTAAQAAVV	48	0.880
<b>ANNS+QM</b>	3	TAAQAAVVR	49	0.870
<b>ANNS+QM</b>	4	GAAGTAAQA	45	0.840

<b>ALLELE: HLA-B14</b>				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	GAAGTAAQA	45	0.790
<b>ANNS+QM</b>	2	QVESTAGSL	31	0.370
<b>ANNS+QM</b>	3	GTAAQAAVV	48	0.350
<b>ANNS+QM</b>	4	EMKTDAATL	3	0.290

<b>ALLELE: HLA-B*2702</b>				
Threshold for 4 % with score: 0.000				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	GQWRGAAGT	41	2.303
<b>QM</b>	2	EMKTDAATL	3	-0.799
<b>QM</b>	3	QVESTAGSL	31	-1.204

<b>ALLELE: HLA-B27</b>				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	GQWRGAAGT	41	0.070
<b>ANNS+QM</b>	2	TAAQAAVVR	49	0.020
<b>ANNS+QM</b>	3	GAAGTAAQA	45	0.010
<b>ANNS+QM</b>	4	GTAAQAAVV	48	0.010

<b>ALLELE: HLA-B*2705</b>				
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Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	TAAQAAVVR	49	0.820
<b>ANNS+QM</b>	2	GQWRGAAGT	41	0.130
<b>ANNS+QM</b>	3	GAAGTAAQA	45	0.020
<b>ANNS+QM</b>	4	GTAAQAAVV	48	0.020

<b>ALLELE: HLA-B*3501</b>				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	GAAGTAAQA	45	0.140
<b>ANNS+QM</b>	2	TAAQAAVVR	49	0.130
<b>ANNS+QM</b>	3	EMKTDAATL	3	0.120
<b>ANNS+QM</b>	4	TDAATLAQE	6	0.070

<b>ALLELE: HLA-B*3701</b>				
Threshold for 4 % with score: 0.405				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	EMKTDAATL	3	0.000
<b>QM</b>	2	QVESTAGSL	31	0.000
<b>QM</b>	3	TDAATLAQE	6	-0.916

<b>ALLELE: HLA-B*3801</b>				
Threshold for 4 % with score: 0.445				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	QVESTAGSL	31	1.099
<b>QM</b>	2	EMKTDAATL	3	-1.204
<b>QM</b>	3	GAAGTAAQA	45	-1.609

<b>ALLELE: HLA-B*3901</b>				
Threshold for 4 % with score: 1.792				

Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	QVESTAGSL	31	2.197
<b>QM</b>	2	GTAAQAAVV	48	0.000
<b>QM</b>	3	EMKTDAATL	3	-0.105

<b>ALLELE: HLA-B*3902</b>				
Threshold for 4 % with score: 0.693				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	QVESTAGSL	31	0.693
<b>QM</b>	2	GQWRGAAGT	41	0.000
<b>QM</b>	3	EMKTDAATL	3	-0.511

<b>ALLELE: HLA-B*40</b>				
Threshold for 4 % with score: 0.000				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	GAAGTAAQA	45	0.693
<b>QM</b>	2	GTAAQAAVV	48	-0.916
<b>QM</b>	3	GQWRGAAGT	41	-1.609

<b>ALLELE: HLA-B*4403</b>				
Threshold for 4 % with score: 0.405				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	GAAGTAAQA	45	-0.799
<b>QM</b>	2	GTAAQAAVV	48	-1.204
<b>QM</b>	3	TDAATLAQE	6	-1.897

<b>ALLELE: HLA-B*5101</b>				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	EMKTDAATL	3	0.560
<b>ANNS+QM</b>	2	TAAQAAVVR	49	0.420



<b>ANNS+QM</b>	3	QWRGAAGTA	42	0.060
<b>ANNS+QM</b>	4	GQWRGAAGT	41	0.050

<b>ALLELE: HLA-B*5102</b>				
Threshold for 4 % with score: 9.050				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	TAAQAAVVR	49	5.700
<b>QM</b>	2	GTAAQAAVV	48	3.300
<b>QM</b>	3	QVESTAGSL	31	1.370
<b>QM</b>	4	GAAGTAAQA	45	0.030

<b>ALLELE: HLA-B*5103</b>				
Threshold for 4 % with score: 9.280				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	TAAQAAVVR	49	5.700
<b>QM</b>	2	GTAAQAAVV	48	3.300
<b>QM</b>	3	QVESTAGSL	31	1.370
<b>QM</b>	4	GAAGTAAQA	45	0.030

<b>ALLELE: HLA-B*5201</b>				
Threshold for 4 % with score: 1.974				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	GTAAQAAVV	48	2.485
<b>QM</b>	2	GQWRGAAGT	41	2.015
<b>QM</b>	3	QVESTAGSL	31	-1.204

<b>ALLELE: HLA-B*5301</b>				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	GTAAQAAVV	48	0.250
<b>ANNS+QM</b>	2	QWRGAAGTA	42	0.160

<b>ANNS+QM</b>	3	QVESTAGSL	31	0.040
<b>ANNS+QM</b>	4	EMKTDAAATL	3	0.030

<b>ALLELE: HLA-B*5401</b>				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	GTAAQAAVV	48	0.650
<b>ANNS+QM</b>	2	QWRGAAGTA	42	0.200
<b>ANNS+QM</b>	3	TAAQAAVVR	49	0.070
<b>ANNS+QM</b>	4	EMKTDAAATL	3	0.050

<b>ALLELE: HLA-B*51</b>				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	EMKTDAAATL	3	0.340
<b>ANNS+QM</b>	2	QWRGAAGTA	42	0.070
<b>ANNS+QM</b>	3	GTAAQAAVV	48	0.030
<b>ANNS+QM</b>	4	TAAQAAVVR	49	0.020

<b>ALLELE: HLA-B*5801</b>				
Threshold for 4 % with score: -0.223				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	GTAAQAAVV	48	0.693
<b>QM</b>	2	GAAGTAAQA	45	0.000
<b>QM</b>	3	TAAQAAVVR	49	-2.303

<b>ALLELE: HLA-B60</b>				
Threshold for 4 % with score: 1.386				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	EMKTDAAATL	3	-0.916
<b>QM</b>	2	QVESTAGSL	31	-0.916

<b>QM</b>	3	GTAAQAAVV	48	-0.916
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<b>ALLELE: HLA-B61</b>				
Threshold for 4 % with score: 0.000				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	GTAAQAAVV	48	0.788
<b>QM</b>	2	GAAGTAAQA	45	0.095
<b>QM</b>	3	GQWRGAAGT	41	-2.207

<b>ALLELE: HLA-B62</b>				
Threshold for 4 % with score: 0.693				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	GQWRGAAGT	41	2.079
<b>QM</b>	2	EMKTDAAATL	3	-1.109
<b>QM</b>	3	GAAGTAAQA	45	-2.120

<b>ALLELE: HLA-B7</b>				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	QWRGAAGTA	42	0.710
<b>ANNS+QM</b>	2	GTAAQAAVV	48	0.280
<b>ANNS+QM</b>	3	EMKTDAAATL	3	0.120
<b>ANNS+QM</b>	4	QVESTAGSL	31	0.050

<b>ALLELE: HLA-B*0702</b>				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	GTAAQAAVV	48	0.360
<b>ANNS+QM</b>	2	EMKTDAAATL	3	0.200
<b>ANNS+QM</b>	3	TAAQAAVVR	49	0.180
<b>ANNS+QM</b>	4	QWRGAAGTA	42	0.060

<b>ALLELE: HLA-B8</b>				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	GTAAQAAVV	48	0.600
<b>ANNS+QM</b>	2	QWRGAAGTA	42	0.540
<b>ANNS+QM</b>	3	TAAQAAVVR	49	0.530
<b>ANNS+QM</b>	4	EMKTDAATL	3	0.510

<b>ALLELE: HLA-Cw*0301</b>				
Threshold for 4 % with score: 2.015				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	QVESTAGSL	31	0.693
<b>QM</b>	2	EMKTDAATL	3	-0.734
<b>QM</b>	3	GAAGTAAQA	45	-1.609

<b>ALLELE: HLA-Cw*0401</b>				
Threshold for 4 % with score: 4.370				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	QVESTAGSL	31	-1.750
<b>QM</b>	2	EMKTDAATL	3	-2.300
<b>QM</b>	3	TAAQAAVVR	49	-5.420

<b>ALLELE: HLA-Cw*0602</b>				
Threshold for 4 % with score: 1.482				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	EMKTDAATL	3	0.693
<b>QM</b>	2	QVESTAGSL	31	0.693
<b>QM</b>	3	GTAAQAAVV	48	0.000

<b>ALLELE: HLA-Cw*0702</b>				
Threshold for 4 % with score: 1.212				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	QVESTAGSL	31	-0.511
<b>QM</b>	2	GAAGTAAQA	45	-0.821
<b>QM</b>	3	GTAAQAAVV	48	-0.916

<b>ALLELE: H2-Db</b>				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	GAAGTAAQA	45	0.850
<b>ANNS+QM</b>	2	EMKTDAATL	3	0.520
<b>ANNS+QM</b>	3	QWRGAAGTA	42	0.290
<b>ANNS+QM</b>	4	TAAQAAVVR	49	0.160

<b>ALLELE: H2-Dd</b>				
Threshold for 4 % with score: 11.800				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	GQWRGAAGT	41	7.530
<b>QM</b>	2	EMKTDAATL	3	4.770
<b>QM</b>	3	QVESTAGSL	31	3.440
<b>QM</b>	4	QWRGAAGTA	42	0.200

<b>ALLELE: H2-Kb</b>				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	GAAGTAAQA	45	0.760
<b>ANNS+QM</b>	2	EMKTDAATL	3	0.600
<b>ANNS+QM</b>	3	TAAQAAVVR	49	0.450
<b>ANNS+QM</b>	4	QWRGAAGTA	42	0.290

<b>ALLELE: H2-Kd</b>				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	EMKTDAATL	3	0.970
<b>ANNS+QM</b>	2	GTAAQAAVV	48	0.230
<b>ANNS+QM</b>	3	GQWRGAAGT	41	0.160
<b>ANNS+QM</b>	4	QVESTAGSL	31	0.130

<b>ALLELE: H2-Kk</b>				
Threshold for 4 % with score: 1.609				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	GTAAQAAVV	48	-0.693
<b>QM</b>	2	EMKTDAATL	3	-0.916
<b>QM</b>	3	TDAATLAQE	6	-1.609

<b>ALLELE: H2-Ld</b>				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	QVESTAGSL	31	0.060
<b>ANNS+QM</b>	2	QWRGAAGTA	42	0.060
<b>ANNS+QM</b>	3	TAAQAAVVR	49	0.050
<b>ANNS+QM</b>	4	GAAGTAAQA	45	0.030

<b>ALLELE: HLA-G</b>				
Threshold for 4 % with score: 9.260				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	EMKTDAATL	3	16.110
<b>QM</b>	2	GTAAQAAVV	48	8.660
<b>QM</b>	3	QVESTAGSL	31	6.110
<b>QM</b>	4	GAAGTAAQA	45	3.330

<b>ALLELE: H-2Qa</b>				
Threshold for 4 % with score: 6.000				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	EMKTDAATL	3	2.510
QM	2	QVESTAGSL	31	-1.530
QM	3	GQWRGAAGT	41	-2.000

<b>ALLELE: HLA-B*2706</b>				
Threshold for 4 % with score: 5.000				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	QVESTAGSL	31	0.380
QM	2	QWRGAAGTA	42	-2.800
QM	3	EMKTDAATL	3	-3.000

<b>ALLELE: HLA-B35</b>				
Threshold for 4 % with score: 8.350				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	QVESTAGSL	31	8.500
QM	2	EMKTDAATL	3	4.200
QM	3	GAAGTAAQA	45	-1.380

<b>ALLELE: Mamu-A*01</b>				
Threshold for 4 % with score: 3.650				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	QVESTAGSL	31	5.130
QM	2	QWRGAAGTA	42	-2.340
QM	3	TAAQAAVVR	49	-4.930

<b>ALLELE: HLA-A*0204</b>				
Threshold for 4 % with score: 12.070				
Prediction method	Rank	Sequence	Residue No.	Peptide Score

QM	1	GTAAQAAVV	48	14.000
QM	2	GAAGTAAQA	45	13.470
QM	3	EMKTDAATL	3	7.170
QM	4	GQWRGAAGT	41	6.410

ALLELE: HLA-B*2703				
Threshold for 4 % with score: 5.130				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	TAAQAAVVR	49	-1.260
QM	2	QWRGAAGTA	42	-2.630
QM	3	EMKTDAATL	3	-4.570

ALLELE: HLA-B*2704				
Threshold for 4 % with score: 8.790				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	QWRGAAGTA	42	1.660
QM	2	QVESTAGSL	31	1.650
QM	3	GTAAQAAVV	48	1.000

ALLELE: HLA-B*2902				
Threshold for 4 % with score: 7.750				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	QVESTAGSL	31	3.930
QM	2	EMKTDAATL	3	2.360
QM	3	QWRGAAGTA	42	1.030
QM	4	TAAQAAVVR	49	1.030

ALLELE: HLA-A*3301				
Threshold for 4 % with score: 3.840				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	GAAGTAAQA	45	0.720



<b>QM</b>	2	TDAATLAQE	6	-0.460
<b>QM</b>	3	TAAQAAVVR	49	-0.970

<b>ALLELE: HLA-B44</b>				
Threshold for 4 % with score: 4.900				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>QM</b>	1	GAAGTAAQA	45	5.180
<b>QM</b>	2	EMKTDAATL	3	4.260
<b>QM</b>	3	GQWRGAAGT	41	3.590
<b>QM</b>	4	GTAAQAAVV	48	2.060

<b>ALLELE: HLA-A*6801</b>				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	TAAQAAVVR	49	0.940
<b>ANNS+QM</b>	2	GAAGTAAQA	45	0.740
<b>ANNS+QM</b>	3	TDAATLAQE	6	0.520
<b>ANNS+QM</b>	4	GTAAQAAVV	48	0.180

<b>ALLELE: HLA-A*6802</b>				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
<b>ANNS+QM</b>	1	GTAAQAAVV	48	0.970
<b>ANNS+QM</b>	2	TAAQAAVVR	49	0.890
<b>ANNS+QM</b>	3	QWRGAAGTA	42	0.770
<b>ANNS+QM</b>	4	GAAGTAAQA	45	0.660