



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

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Antigen Name	Untitled
Scanned on	Sat Feb 20 23:48:50 2010
Length of input sequence	644 amino acids
Number of nonamers from input sequence	636
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
ANNs+QM	1	AAELGFAAG	296	1.000
ANNs+QM	2	GTAVAAAEL	291	0.660
ANNs+QM	3	DAMKLDADA	388	0.380
ANNs+QM	4	GNGPLAAFV	531	0.280

ALLELE: HLA-A2				
Threshold for .5 % with score: .5				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	PLAAFVHAL	534	1.000
ANNs+QM	2	CLVTLGLNL	323	0.630

ANNs+QM	3	RHASDPVTI	588	0.490
ANNs+QM	4	GTAVAAAEL	291	0.110

ALLELE: HLA-A*0201				
Threshold for .5 % with score: .5				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	GTAVAAAEL	291	0.990
ANNs+QM	2	CLVTLGLNL	323	0.940
ANNs+QM	3	PLAAFVHAL	534	0.850
ANNs+QM	4	APSITTASL	624	0.770

ALLELE: HLA-A*0202				
Threshold for .5 % with score: .5				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	CLVTLGLNL	323	0.990
ANNs+QM	2	GNGPLAAFV	531	0.990
ANNs+QM	3	GTAVAAAEL	291	0.930
ANNs+QM	4	PLAAFVHAL	534	0.920

ALLELE: HLA-A*0203				
Threshold for .5 % with score: .5				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	SGSGNGPLA	528	0.950
ANNs+QM	2	PLAAFVHAL	534	0.700
ANNs+QM	3	CLVTLGLNL	323	0.550
ANNs+QM	4	DAMKLDADA	388	0.480

ALLELE: HLA-A*0206				
Threshold for .5 % with score: .5				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	CLVTLGLNL	323	0.990
ANNs+QM	2	GNGPLAAFV	531	0.990
ANNs+QM	3	TELEYAKQV	223	0.750
ANNs+QM	4	RHASDPVTI	588	0.430

ALLELE: HLA-A*0205				
Threshold for 4 % with score: 5.950				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	PLAAFVHAL	534	10.530
QM	2	GTAVAAAEL	291	8.300
QM	3	GNGPLAAFV	531	8.120
QM	4	DRGTAVAAA	289	6.790

ALLELE: HLA-A*1101				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	PSITTASLR	625	0.620
ANNs+QM	2	RHASDPVTI	588	0.460
ANNs+QM	3	VEMTTPNVY	255	0.450
ANNs+QM	4	PHNDRGTAV	286	0.450

ALLELE: HLA-A11				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	PSITTASLR	625	0.900

ANNs+QM	2	AVAAAELGF	293	0.770
ANNs+QM	3	GTAVAAAEL	291	0.530
ANNs+QM	4	LPHNDRGT	284	0.500

ALLELE: HLA-A24				
Threshold for 4 % with score: 7.670				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	APSITTASL	624	11.230
QM	2	RHASDPVTI	588	9.270
QM	3	APLWCAVDL	71	8.360
QM	4	NKGLDAMKL	384	8.050

ALLELE: HLA-A*2402				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	EFSQVIQKI	456	1.000
ANNs+QM	2	RHASDPVTI	588	0.620
ANNs+QM	3	DYYEHAMSA	553	0.560
ANNs+QM	4	LPHNDRGT	284	0.420

ALLELE: HLA-A3				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	AVAAAELGF	293	1.000
ANNs+QM	2	PSITTASLR	625	0.920
ANNs+QM	3	NDRGTAVAA	288	0.860
ANNs+QM	4	TAFSGSHQD	373	0.720

ALLELE: HLA-A*3101				
Threshold for 4 % with score: -1.609				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	CLVTLGLNL	323	-2.526
QM	2	AVAAAELGF	293	-3.219
QM	3	AQAAAYVEA	565	-3.912

ALLELE: HLA-A31				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	PSITTASLR	625	0.980
ANNs+QM	2	VCDVGEVI	231	0.940
ANNs+QM	3	VGIAPSITT	621	0.780
ANNs+QM	4	TAFSGSHQD	373	0.750

ALLELE: HLA-A*0301				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	AQAAAYVEA	565	0.680
ANNs+QM	2	KGLDAMKLD	385	0.650
ANNs+QM	3	NDRGTAVAA	288	0.600
ANNs+QM	4	APLWCAVDL	71	0.580

ALLELE: HLA-A*3302				
Threshold for 4 % with score: -0.105				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	DYYEHAMSA	553	0.405
QM	2	PSITTASLR	625	0.405

QM	3	ISGSGNGPL	527	-0.693
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ALLELE: HLA-A68.1				
Threshold for 4 % with score: 1.609				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	PSITTASLR	625	1.099
QM	2	GTAVAAAEL	291	0.693
QM	3	AVAAAELGF	293	0.182

ALLELE: HLA-A20 Cattle				
Threshold for 4 % with score: 3.401				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	NKGLDAMKL	384	6.215
QM	2	CLVTLGLNL	323	2.708
QM	3	HQDAINKGL	379	2.303
QM	4	ANRAEVQAI	183	1.792

ALLELE: HLA-A2.1				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	PLAAFVHAL	534	1.000
ANNs+QM	2	GTAVAAAEL	291	0.970
ANNs+QM	3	CLVTLGLNL	323	0.960
ANNs+QM	4	HQDAINKGL	379	0.950

ALLELE: HLA-B14				
Threshold for 4 % with score: 4				

Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	APLWCAVDL	71	1.000
ANNs+QM	2	DYYEHAMSA	553	1.000
ANNs+QM	3	GTAVAAAEL	291	0.840
ANNs+QM	4	APSITTASL	624	0.840

ALLELE: HLA-B*2702				
Threshold for 4 % with score: 0.000				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	DRGTAVAAA	289	1.792
QM	2	ERIRQHVDA	496	1.792
QM	3	VEMTTPNVY	255	1.099
QM	4	FRANRAEVQ	181	0.693

ALLELE: HLA-B27				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	DRGTAVAAA	289	0.900
ANNs+QM	2	RHASDPVTI	588	0.570
ANNs+QM	3	FRANRAEVQ	181	0.190
ANNs+QM	4	GAHTIVKPA	15	0.110

ALLELE: HLA-B*2705				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	ERIRQHVDA	496	0.870
ANNs+QM	2	DRGTAVAAA	289	0.720
ANNs+QM	3	RHASDPVTI	588	0.580

ANNs+QM	4	PSITTASLR	625	0.540
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ALLELE: HLA-B*3501				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	APLWCAVDL	71	1.000
ANNs+QM	2	APSITTASL	624	1.000
ANNs+QM	3	TASLRVVVS	629	0.740
ANNs+QM	4	RHASDPVTI	588	0.590

ALLELE: HLA-B*3701				
Threshold for 4 % with score: 0.405				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	WDAFAEEYL	481	3.689
QM	2	GERTGNVCL	316	2.303
QM	3	IDRAPLWCA	68	1.386
QM	4	NDRGTAVAA	288	1.386

ALLELE: HLA-B*3801				
Threshold for 4 % with score: 0.445				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	RHASDPVTI	588	2.197
QM	2	HQDAINKGL	379	1.361
QM	3	LPHNDRGT	284	1.099
QM	4	APLWCAVDL	71	0.693

ALLELE: HLA-B*3901				
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Threshold for 4 % with score: 1.792				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	RHASDPVTI	588	3.401
QM	2	HQDAINKGL	379	2.197
QM	3	APLWCAVDL	71	1.792
QM	4	PHNDRGTAV	286	1.792

ALLELE: HLA-B*3902				
Threshold for 4 % with score: 0.693				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	HQDAINKGL	379	3.178
QM	2	NKGLDAMKL	384	2.996
QM	3	CLVTLGLNL	323	0.875
QM	4	APLWCAVDL	71	0.693

ALLELE: HLA-B*40				
Threshold for 4 % with score: 0.000				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	GERTGNVCL	316	2.996
QM	2	TELEYAKQV	223	2.079
QM	3	VEMTTPNVY	255	2.079
QM	4	WDAFAEAYL	481	1.609

ALLELE: HLA-B*4403				
Threshold for 4 % with score: 0.405				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	VEMTTPNVY	255	5.481
QM	2	TELEYAKQV	223	2.890
QM	3	GERTGNVCL	316	1.386

QM	4	WDAFAEEYL	481	0.405
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ALLELE: HLA-B*5101				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	TASLRVVVS	629	0.930
ANNs+QM	2	DAMKLDADA	388	0.890
ANNs+QM	3	APLWCAVDL	71	0.810
ANNs+QM	4	RHASDPVTI	588	0.740

ALLELE: HLA-B*5102				
Threshold for 4 % with score: 9.050				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	EFSQVIQKI	456	13.760
QM	2	VCDAVGEVI	231	8.480
QM	3	APSITTASL	624	8.380
QM	4	APLWCAVDL	71	8.110

ALLELE: HLA-B*5103				
Threshold for 4 % with score: 9.280				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	EFSQVIQKI	456	13.760
QM	2	VCDAVGEVI	231	8.480
QM	3	APSITTASL	624	8.380
QM	4	APLWCAVDL	71	8.110

ALLELE: HLA-B*5201				
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Threshold for 4 % with score: 1.974				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	VCDAVGEVI	231	4.372
QM	2	HQDAINKGL	379	2.452
QM	3	GNGPLAAFV	531	1.974
QM	4	TELEYAKQV	223	0.971

ALLELE: HLA-B*5301				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	APSITTASL	624	1.000
ANNs+QM	2	APLWCAVDL	71	0.840
ANNs+QM	3	QPGEAGRHA	582	0.820
ANNs+QM	4	QPGEAGRHA	601	0.820

ALLELE: HLA-B*5401				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	QPGEAGRHA	582	0.970
ANNs+QM	2	QPGEAGRHA	601	0.970
ANNs+QM	3	APSITTASL	624	0.960
ANNs+QM	4	APLWCAVDL	71	0.930

ALLELE: HLA-B*51				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	APSITTASL	624	0.880
ANNs+QM	2	QPGEAGRHA	582	0.850
ANNs+QM	3	QPGEAGRHA	601	0.850

ANNs+QM	4	NKGLDAMKL	384	0.750
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ALLELE: HLA-B*5801				
Threshold for 4 % with score: -0.223				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	ISGSGNGPL	527	1.099
QM	2	GTAVAAAEL	291	0.693
QM	3	GAHTIVKPA	15	0.588
QM	4	VAAAELGFA	294	0.182

ALLELE: HLA-B60				
Threshold for 4 % with score: 1.386				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	GERTGNVCL	316	5.768
QM	2	WDAFAEEYL	481	3.689
QM	3	TELEYAKQV	223	2.868
QM	4	APLWCAVDL	71	2.773

ALLELE: HLA-B61				
Threshold for 4 % with score: 0.000				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	TELEYAKQV	223	4.382
QM	2	GERTGNVCL	316	2.175
QM	3	IDRAPLWCA	68	0.916
QM	4	NDRGTAVAA	288	0.916

ALLELE: HLA-B62				
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Threshold for 4 % with score: 0.693				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	CLVTLGLNL	323	1.569
QM	2	AQAAAYVEA	565	1.569
QM	3	HQDAINKGL	379	0.875
QM	4	AVAAAELGF	293	0.182

ALLELE: HLA-B7				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	APLWCAVDL	71	1.000
ANNs+QM	2	APSITTASL	624	1.000
ANNs+QM	3	VGIAPSITT	621	0.910
ANNs+QM	4	HQDAINKGL	379	0.680

ALLELE: HLA-B*0702				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	APLWCAVDL	71	1.000
ANNs+QM	2	APSITTASL	624	1.000
ANNs+QM	3	QPGEAGRHA	582	0.930
ANNs+QM	4	QPGEAGRHA	601	0.930

ALLELE: HLA-B8				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	PSITTASLR	625	0.790
ANNs+QM	2	AVAAAELGF	293	0.680
ANNs+QM	3	VCDVGEVI	231	0.670

ANNs+QM	4	HQDAINKGL	379	0.670
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ALLELE: HLA-Cw*0301				
Threshold for 4 % with score: 2.015				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	APLWCAVDL	71	2.996
QM	2	CLVTLGLNL	323	2.996
QM	3	ERIRQHVDA	496	1.099
QM	4	TGNVCLVTL	319	0.875

ALLELE: HLA-Cw*0401				
Threshold for 4 % with score: 4.370				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	QPGEAGRHA	582	8.640
QM	2	QPGEAGRHA	601	8.640
QM	3	APSITTASL	624	7.360
QM	4	APLWCAVDL	71	6.700

ALLELE: HLA-Cw*0602				
Threshold for 4 % with score: 1.482				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	HQDAINKGL	379	1.982
QM	2	CLVTLGLNL	323	1.792
QM	3	TGNVCLVTL	319	1.386
QM	4	GNGPLAAFV	531	1.099

ALLELE: HLA-Cw*0702				
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Threshold for 4 % with score: 1.212				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	VEMTTPNVY	255	1.386
QM	2	WDAFAEEYL	481	0.875
QM	3	APLWCAVDL	71	0.770
QM	4	AVAAAELGF	293	0.693

ALLELE: H2-Db				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	TGNVCLVTL	319	1.000
ANNs+QM	2	SGSGNGPLA	528	1.000
ANNs+QM	3	WDAFAEEYL	481	0.940
ANNs+QM	4	GERTGNVCL	316	0.880

ALLELE: H2-Dd				
Threshold for 4 % with score: 11.800				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	NGPLAAFVH	532	18.060
QM	2	RGTAFAAAE	290	14.750
QM	3	TGNVCLVTL	319	13.400
QM	4	GNGPLAAFV	531	11.860

ALLELE: H2-Kb				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	GTAVAAAEL	291	0.920
ANNs+QM	2	SGSGNGPLA	528	0.880
ANNs+QM	3	APSITTASL	624	0.790

ANNs+QM	4	DAMKLDADA	388	0.680
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ALLELE: H2-Kd				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	GTAVAAAEL	291	0.930
ANNs+QM	2	DYYEHAMSA	553	0.850
ANNs+QM	3	APSITTASL	624	0.730
ANNs+QM	4	ISGSGNGPL	527	0.720

ALLELE: H2-Kk				
Threshold for 4 % with score: 1.609				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	GERTGNVCL	316	4.382
QM	2	TELEYAKQV	223	3.912
QM	3	EFSQVIQKI	456	2.996
QM	4	VCDAVGEVI	231	2.708

ALLELE: H2-Ld				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	APLWCAVDL	71	1.000
ANNs+QM	2	PLAAFVHAL	534	0.620
ANNs+QM	3	ERIRQHVDA	496	0.590
ANNs+QM	4	APSITTASL	624	0.570

ALLELE: HLA-G				
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Threshold for 4 % with score: 9.260				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	GTAVAAAEL	291	12.780
QM	2	PLAAFVHAL	534	12.180
QM	3	CLVTLGLNL	323	9.180
QM	4	ERIRQHVDA	496	8.530

ALLELE: H-2Qa				
Threshold for 4 % with score: 6.000				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	PLAAFVHAL	534	13.260
QM	2	TGNVCLVTL	319	7.860
QM	3	HQDAINKGL	379	6.800
QM	4	RHASDPVTI	588	5.330

ALLELE: HLA-B*2706				
Threshold for 4 % with score: 5.000				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	QPGEAGRHA	582	6.000
QM	2	QPGEAGRHA	601	6.000
QM	3	ERIRQHVDA	496	5.060
QM	4	HQDAINKGL	379	4.670

ALLELE: HLA-B35				
Threshold for 4 % with score: 8.350				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	APSITTASL	624	12.660
QM	2	APLWCAVDL	71	8.730
QM	3	VCDAVGEVI	231	8.500

QM	4	NKGLDAMKL	384	8.150
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ALLELE: Mamu-A*01				
Threshold for 4 % with score: 3.650				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	VGIAPSITT	621	7.860
QM	2	APSITTASL	624	4.110
QM	3	SAGDDAQAA	560	2.390
QM	4	DYYEHAMSA	553	1.820

ALLELE: HLA-A*0204				
Threshold for 4 % with score: 12.070				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	PLAAFVHAL	534	20.930
QM	2	GTAVAAAEL	291	18.260
QM	3	TGNVCLVTL	319	11.910
QM	4	WDAFAEEYL	481	11.350

ALLELE: HLA-B*2703				
Threshold for 4 % with score: 5.130				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	FRANRAEVQ	181	4.620
QM	2	RHASDPVTI	588	4.490
QM	3	AVAAAELGF	293	3.420
QM	4	ERIRQHVDA	496	2.880

ALLELE: HLA-B*2704				
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Threshold for 4 % with score: 8.790				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	DRGTAVAAA	289	9.780
QM	2	GTAVAAAEL	291	8.670
QM	3	AVAAAELGF	293	7.320
QM	4	WDAFAEEYL	481	7.040

ALLELE: HLA-B*2902				
Threshold for 4 % with score: 7.750				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	VEMTTPNVY	255	9.400
QM	2	GERTGNVCL	316	9.060
QM	3	CLVTLGLNL	323	5.080
QM	4	DRGTAVAAA	289	4.930

ALLELE: HLA-A*3301				
Threshold for 4 % with score: 3.840				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	IDRAPLWCA	68	2.000
QM	2	ISGSGNGPL	527	1.350
QM	3	TAFSGSHQD	373	1.140
QM	4	GNGPLAAFV	531	0.610

ALLELE: HLA-B44				
Threshold for 4 % with score: 4.900				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
QM	1	GTAVAAAEL	291	6.480
QM	2	GERTGNVCL	316	5.840
QM	3	NGPLAAFVH	532	4.540

QM	4	AAELGFAAG	296	3.130
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ALLELE: HLA-A*6801				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	TAFSGSHQD	373	0.990
ANNs+QM	2	AVAAAELGF	293	0.640
ANNs+QM	3	PLAAFVHAL	534	0.500
ANNs+QM	4	RHASDPVTI	588	0.410

ALLELE: HLA-A*6802				
Threshold for 4 % with score: 4				
Prediction method	Rank	Sequence	Residue No.	Peptide Score
ANNs+QM	1	GNGPLAAFV	531	0.980
ANNs+QM	2	TASLRVVVS	629	0.980
ANNs+QM	3	DAMKLDADA	388	0.970
ANNs+QM	4	GTAVAAAEL	291	0.950