


OptiTope

Target Antigens	Target Population	Constraints	Results
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In this final step the optimization problem is summarized and the results are displayed. 

Input summary

Number of candidate epitopes: 2930
 Number of target alleles: 19
 Number of antigens: 10
 Prediction method: BIMAS

Constraints

Maximum number of epitopes to select = 10
 Epitope conservation \geq 20.0 %
 Covered alleles \geq 10
 Covered antigens \geq 5

Results

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Selected epitopes: 10
 Covered alleles: 10 of 19
 Covered antigens: 5 of 10
 Locus coverage:

A	54.01 %
B	19.87 %
Cw	35.11 %

Population coverage: 94.28 %

Epitope	Fraction of overall immunogenicity	Covered alleles	Covered antigens
VLTDFKTWL	0.16	A*0201	ns5a
KLLPRLPGV	0.14	A*0201	ns5a
QLDLSGWFFV	0.11	A*0201	ns5b
YLYGIGSAV	0.11	A*0201	e2
KLQDCTMLV	0.11	A*0201	ns5b
LLSTTEWQV	0.1	A*0201	e2
FLATCVNGV	0.1	A*0201	ns3
ALYDVVSTL	0.1	A*0201 A*0301	ns5b
GPTPLLYRL	0.05	B*0702 B*3501 Cw*0401 Cw*0602 Cw*0702	ns3
GVVCAAILR	0.03	A*1101 A*3101 A*6801	ns4b

Show detailed results.

Export results.