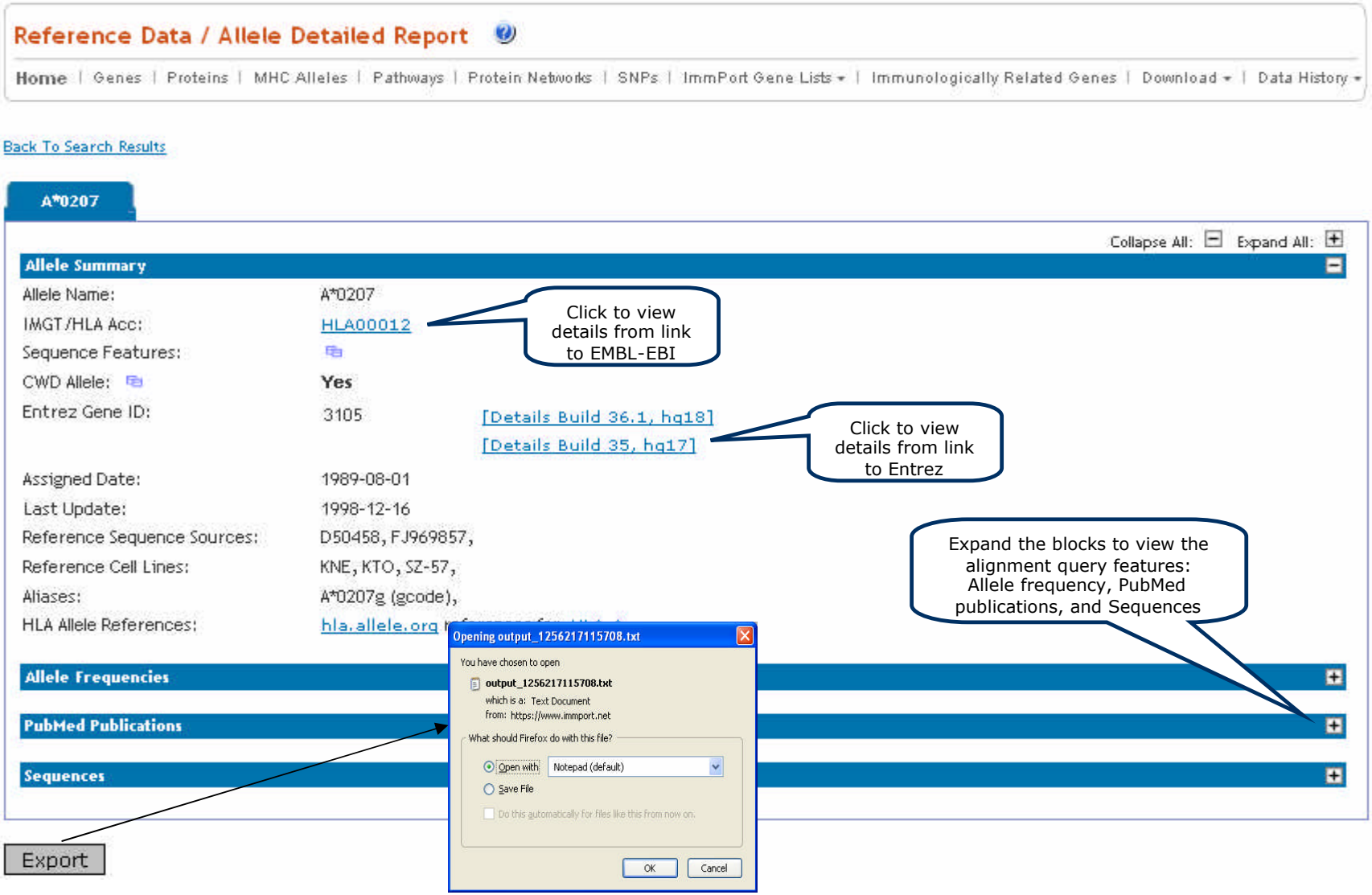
ImmPort MHC Allele Detailed Report

Viewing the Allele Detailed Report

Select the items to view detailed report. The current results page can be export to CSV, Excel or XML. Tabs show details of individual alleles.



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Allele frequencies, PubMed Publications

Allele Frequencies

Allele Frequencies for A*0207

- Ordered by Data Type and Population Area
- Population data acquired from the 13th International Histocompatibility Workshop and Congress 2003
- Serological pairs (A*02, A*92) and (B*15, B*95) are identical

Allele Name	Data Type	Population Area	Allele Freq	Allele Count	Total Alleles Examined
A*0207	sequencing	Europe	0.0003	1	3656
A*0207	sequencing	North-East Asia	0.0293	31	1058
A*0207	sequencing	Oceania	0.0040	4	994
A*0207	sequencing	South-East Asia	0.0684	400	5847
A*02	serological	Australia	0.1272	103	810
A*02	serological	Europe	0.2891	1057	3656
A*02	serological	North Africa	0.1871	52	278
A*02	serological	North America	0.3027	405	1338
A*02	serological	North-East Asia	0.2930	310	1058
A*02	serological	Oceania	0.1137	113	994
A*02	serological	Other	0.2938	320	1089
A*02	serological	South America	0.3979	191	480
A*02	serological	South-East Asia	0.2454	1435	5847
A*02	serological	South-West Asia	0.2132	243	1140
A*02	serological	Sub-Saharan Africa	0.1939	682	3517

PubMed Publications

References:

PubMed ID	Title
[2448239]	Structural analysis of HLA-A2.4 functional variant KNE. Implications for the mapping of HLA-A2-specific T-cell epitopes

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Sequences

Sequences

Gene UTR and Exon Sequence:

5'UTR Sequence Length: 300 nts

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Exon 1 Sequence 301..373 nts

ATGGCCGTCATGGCGCCCCGAACCCTCGTCCTGCTACTCTCGGGGGCTCTGGCCCTGACC CAGACCTGGGCGG

Exon 2 Sequence 504..793 nts

GCTCTCACTCCATGAGGTATTTCTTCACATCCGTGTCCCGGCCCGGCCGCGGGGAGCCCC GCTTCATCGCAGTGGGCTACGTGGACGACACGCAGTTCGTGCGGTTCGACAGCGACGCCG
CGAGCCAGAGGATGGAGCCG.....CGGGCGCCGTGGATAGAGCA GGAGGGTCCGGAGTATTGGGACGGGGAGACACGGAAAGTGAAGGCCCACTCACAGACTCA
CCGAGTGGACCTGGGGACCCTGCGCGGCTACTACAACCAGAGCGAGGCCG

Exon 3 Sequence 1036..1331 nts

GTTCTCACACCGTCCAGAGGATGTGTGGCTGCGACGTGGGGTCGGACTGGCGCTTCCTCC GCGGGTACCACCAGTACGCCTACGACGGCAAGGATTACATCGCCCTGAAAGAGGACCTGC
GCTCTTGGACCGCGGCGGACATGGCAGCTCAGACCACCAAGCACAAGTGGGAG..GCGGC CCATGTGGCGG.AGCAGTTGAGAGCCTACCTGGAGGGCACGTGCGTGGAGTGGCTCCGCA
GATACCTGGAGAACGGGAAGGAGACGCTGCAGC.....GCACGG

Exon 4 Sequence 1932..2209 nts

ACGCCCCC.AAAACGCATATGACTCACCACGCTGTCTCTGACCATGAAGCCACCCTGAGG TGCTGGGCCCTGAGCTTCTACCCTGCGGAGATCACACTGACCTGGCAGCGGGATGGGGAG
GACCAGACCCAGGACACGGAGCTCGTGGAGACCAGGCCTGC.AGGGGATGGAACCTTCCA GAAGTGGGCGGCTGTGGTGGTGCCTTCTGGACAGGAGCAGAGATACACCTGCCATGTGCA
GCATGAGGGTTTGCCCAAGCCCCTCACCCTGAGATGGG

Exon 5 Sequence 2312..2428 nts

AGCCGTCTTCCCAGCCCACCATCCCCATCGTGGGCATCATTGCTGGCCTGGTTCTCTTTG GAGCTGTGATCACTGGAGCTGTGGTCGCTGCTGTGATGTGGAGGAGGAAGAGCTCAG

Exon 6 Sequence 2873..2905 nts

ATAGAAAAGGAGGGAGCTACTCTCAGGCTGCAA

Exon 7 Sequence 3048..3095 nts

GCAGTGACAGTGCCCAGGGCTCTGATGTGTCTCTCACAGCTTGTAAAG

Exon 8 Sequence 3265..3269 nts

TGTGA

3'UTR Sequence Length: 300 nts

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Protein Sequence: View Complete Sequence

Genomic Sequence: View Complete Sequence

CDS Sequence: View Complete Sequence

Export

Sequence Length: 365 aa

MAVMAPRTLVLLSGALALTQTWAGSHSMRYFFTSVSRPGRGEPRFIAVGYVDDTQFVRFDSDAASQRMEPRAPWIEQEGPEYWDGETRKVKAHSQTHRV
DLGTLRGYYNQSEAGSHTVQRMCGCDVGSDWRFLRGYHQYAYDGKDYIALKEDLRSWTAADMAAQTTKHKWEAAHVAEQLRAYLEGTCVEWLRRYLENGK

Exon 3 Sequence 1036..1331 nts

GTTCTCACACCGTCCAGAGGATGTGTGGCTGCGACGTGGGGTCGGACTGGCGCTTCCTCC GCGGGTACCACCAGTACGCCTACGACGGCAAGGATTACATCGCCCTGAAAGAGGACCTGC
GCTCTTGGACCGCGGCGGACATGGCAGCTCAGACCACCAAGCACAAGTGGGAG..GCGGC CCATGTGGCGG.AGCAGTTGAGAGCCTACCTGGAGGGCACGTGCGTGGAGTGGCTCCGCA

Sequence Length: 1098 nts

atggccgtcatggcgccccgaaccctcgtcctgctactctcgggggctctggccctgacccagacctgggcgggctctcactccatgaggtatttcttca
catccgtgtcccggcccggccgcggggagccccgcttcatcgcagtgggctacgtggacgacacgcagttcgtgcggttcgacagcgacgccgcgagcca