

Sequence Feature Results

Allele Query Results

[\(Modify Search\)](#)

Allele Search Criteria

Locus Name: HLA-A
 Search For: All Alleles
 Search Using: Allele Name
 Search Option: Like Text: A*0101

Click on Modify Search to go back to the MHC Allele search page

Sequence Feature Specific Criteria

Feature Types: ALL,
 Feature Names:
 Feature Locations:

Click details or export the selected results

Selected items: Hsa_HLA-A_SF1, Hsa_HLA-A_SF2, Hsa_HLA-A_SF3, Hsa_HLA-A_SF4

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<input type="checkbox"/>	Sequence Feature Number	Sequence Feature Names	Sequence Feature Types	Positions	Comments
<input checked="" type="checkbox"/>	Hsa_HLA-A_SF1	Hsa_HLA-A_allele	Structural - Complete protei		
<input checked="" type="checkbox"/>	Hsa_HLA-A_SF2	Hsa_HLA-A_full-length prot	Structural - Complete protei	-24..341	
<input checked="" type="checkbox"/>	Hsa_HLA-A_SF3	Hsa_HLA-A_signal peptide	Structural - Cleaved peptide	-24..-1	
<input checked="" type="checkbox"/>	Hsa_HLA-A_SF4	Hsa_HLA-A_mature protein	Structural - Complete protei	1..341	
<input type="checkbox"/>	Hsa_HLA-A_SF5	Hsa_HLA-A_alpha 1 domai	Structural - Domain	1..90	
<input type="checkbox"/>	Hsa_HLA-A_SF6	Hsa_HLA-A_alpha 2 domai	Structural - Domain	91..182	
<input type="checkbox"/>	Hsa_HLA-A_SF7	Hsa_HLA-A_alpha 3 domai	Structural - Domain	183..274	
<input type="checkbox"/>	Hsa_HLA-A_SF8	Hsa_HLA-A_alpha 3 domai	Structural - Domain	275..284	

Sequence Feature Detailed Report

Hsa HLA A SF3 Hsa HLA A SF2 Hsa HLA A SF1

Locus Name: HLA-A
 Sequence Feature Names: Hsa_HLA-A_signal peptide
 Positions: -24..-1
 Allele Alignment: [\[icon\]](#)
 Sequence Feature Types: Structural - Cleaved peptide region

Detailed Report includes information on Allele Grouping, Protein structure, Publications

Allele Grouping

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No of Alleles	Variant Type	Variant Motif
688 (All Alleles for Locus)	Hsa_HLA-A_SF3_VT1	MAVMAPRTLL LLLSGAL TQTWA
57	Hsa_HLA-A_SF3_VT1	-----
144	Hsa_HLA-A_SF3_VT2	-----V-----
25	Hsa_HLA-A_SF3_VT3	-----L-----
2	Hsa_HLA-A_SF3_VT4	---J-----W-----
1	Hsa_HLA-A_SF3_VT5	-----

Click all the links for detailed information on the sequence feature

Protein Structure

PDB ID:
 Protein Structure:

[1W72](#)
[A*01010101](#)

Follow the hyperlinks for more detailed information on the protein structure

Publications

Comment:
 Related Publications:
 PubMed IDs:

Allele Variant Sequence Alignment for Hsa_HLA-A_SF3

Locus Name: HLA-A
 Feature Names: Hsa_HLA-A_signal peptide
 Feature Locations: -24..-1
 Variant Type(s): Hsa_HLA-A_SF3_VT1

In the alignment viewer, the sequence feature is identified in red.

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Allele ID	Variant Type	Sequence
A*01010101 (Ref)	Hsa_HLA-A_SF3_VT1	-24 -15 -5 6 16 20 MAVMAPRTLL LLLSGAL TQTWAGSHSMR YFETSVSRRPG RGEPRFIAV
A*01010101	Hsa_HLA-A_SF3_VT1	MAVMAPRTLL LLLSGAL TQTWAGSHSMR YFETSVSRRPG RGEPRFIA
A*01010102N	Hsa_HLA-A_SF3_VT1	-----