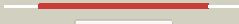



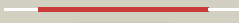






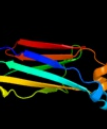










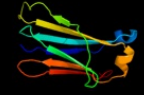
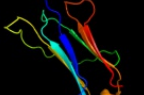



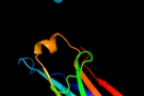





# Phyre2

|               |                              |
|---------------|------------------------------|
| Email         | I.a.kelley@imperial.ac.uk    |
| Description   | A0M8Q6                       |
| Date          | Thu Apr 26 09:16:38 BST 2012 |
| Unique Job ID | d0b9711fb78d0575             |

Detailed template information

| #  | Template                | Alignment Coverage  | 3D Model  | Confidence | % i.d. | Template Information  |
|----|-------------------------|---|---|------------|--------|---|
| 1  | <a href="#">d2fb4l2</a> |  Alignment   |    | 100.0      | 94     | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like) |
| 2  | <a href="#">d1aqkl2</a> |  Alignment   |    | 100.0      | 94     | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like) |
| 3  | <a href="#">d1q0xl2</a> |  Alignment   |    | 100.0      | 68     | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like) |
| 4  | <a href="#">d1mfbl2</a> |  Alignment   |    | 99.9       | 71     | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like) |
| 5  | <a href="#">d1rzfl2</a> |  Alignment |  | 99.9       | 94     | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like) |
| 6  | <a href="#">d1pg7w2</a> |  Alignment |  | 99.9       | 71     | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like) |
| 7  | <a href="#">d1nfde2</a> |  Alignment |  | 99.9       | 64     | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like) |
| 8  | <a href="#">d1bfoa2</a> |  Alignment |  | 99.9       | 38     | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like) |
| 9  | <a href="#">d1kcvl2</a> |  Alignment |  | 99.9       | 38     | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like) |
| 10 | <a href="#">d1mjul2</a> |  Alignment |  | 99.9       | 40     | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like) |
| 11 | <a href="#">d1fp5a2</a> |  Alignment |  | 99.9       | 30     | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like) |

|    |                         |           |   |      |    |   |
|----|-------------------------|-----------|---|------|----|---|
| 12 | <a href="#">d1c5cl2</a> | Alignment |    | 99.9 | 41 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)                                   |
| 13 | <a href="#">d1kfal2</a> | Alignment |    | 99.9 | 36 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)                                   |
| 14 | <a href="#">d2hmic2</a> | Alignment |    | 99.9 | 41 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)                                   |
| 15 | <a href="#">d1q72l2</a> | Alignment |    | 99.9 | 41 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)                                   |
| 16 | <a href="#">d2arja2</a> | Alignment |    | 99.9 | 37 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)                                   |
| 17 | <a href="#">d1igtb4</a> | Alignment |    | 99.9 | 34 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)                                   |
| 18 | <a href="#">c2h3nD_</a> | Alignment |  | 99.9 | 87 | <b>PDB header:</b> immune system<br><b>Chain:</b> D: <b>PDB Molecule:</b> sig lambda-5;<br><b>PDBTitle:</b> crystal structure of a surrogate light chain (lambda5 and2 vpreb) homodimer |
| 19 | <a href="#">d2jell2</a> | Alignment |  | 99.9 | 35 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)                                   |
| 20 | <a href="#">d1o0va1</a> | Alignment |  | 99.9 | 29 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)                                   |
| 21 | <a href="#">d1lk3l2</a> | Alignment | not modelled  | 99.9 | 38 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)                                   |
| 22 | <a href="#">d1uwel2</a> | Alignment | not modelled  | 99.9 | 35 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)                                   |
| 23 | <a href="#">c1cqkB_</a> | Alignment | not modelled  | 99.9 | 31 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> ch3 domain of mak33 antibody;<br><b>PDBTitle:</b> crystal structure of the ch3 domain from the mak33 antibody |
| 24 | <a href="#">d1igyb4</a> | Alignment | not modelled  | 99.9 | 31 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)                                   |
| 25 | <a href="#">d1cqka_</a> | Alignment | not modelled  | 99.9 | 31 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)                                   |
| 26 | <a href="#">c1cqkA_</a> | Alignment | not modelled  | 99.9 | 31 | <b>PDB header:</b> immune system<br><b>Chain:</b> A: <b>PDB Molecule:</b> ch3 domain of mak33 antibody;<br><b>PDBTitle:</b> crystal structure of the ch3 domain from the mak33 antibody |
| 27 | <a href="#">d1c5ch2</a> | Alignment | not modelled  | 99.9 | 35 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)                                   |
| 28 | <a href="#">d1l6xa2</a> | Alignment | not modelled  | 99.9 | 33 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)                                   |
| 29 | <a href="#">d1l1ca2</a> | Alignment | not modelled  | 99.9 | 29 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin  |

|    |                         |           |              |      |  |
|----|-------------------------|-----------|--------------|------|--|
|    |                         |           |              |      | <b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 30 | <a href="#">d1uvqa1</a> | Alignment | not modelled | 99.9 | 29<br><b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 31 | <a href="#">d1iaka1</a> | Alignment | not modelled | 99.9 | 28<br><b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 32 | <a href="#">d1klub1</a> | Alignment | not modelled | 99.9 | 30<br><b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 33 | <a href="#">c3lqzA_</a> | Alignment | not modelled | 99.9 | 25<br><b>PDB header:</b> immune system<br><b>Chain:</b> A: <b>PDB Molecule:</b> hla class ii histocompatibility antigen, dp alpha 1 chain;<br><b>PDBTitle:</b> crystal structure of hla-dp2  |
| 34 | <a href="#">d1pfca_</a> | Alignment | not modelled | 99.9 | 27<br><b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 35 | <a href="#">d1es0a1</a> | Alignment | not modelled | 99.9 | 28<br><b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 36 | <a href="#">d2q86b2</a> | Alignment | not modelled | 99.9 | 35<br><b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 37 | <a href="#">c1s9vA_</a> | Alignment | not modelled | 99.9 | 29<br><b>PDB header:</b> immune system<br><b>Chain:</b> A: <b>PDB Molecule:</b> hla class ii histocompatibility antigen, dq(3)<br><b>PDBTitle:</b> crystal structure of hla-dq2 complexed with deamidated2 gliadin peptide   |
| 38 | <a href="#">d1wejh2</a> | Alignment | not modelled | 99.9 | 29<br><b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 39 | <a href="#">c2q6wD_</a> | Alignment | not modelled | 99.9 | 28<br><b>PDB header:</b> immune system<br><b>Chain:</b> D: <b>PDB Molecule:</b> hla class ii histocompatibility antigen, dr alpha 1 chain;<br><b>PDBTitle:</b> the structure of hla-dra, drb3*0101 (dr52a) with bound2 platelet integrin peptide associated with fetal and3 neonatal alloimmune thrombocytopenia |
| 40 | <a href="#">d1nldh2</a> | Alignment | not modelled | 99.9 | 31<br><b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 41 | <a href="#">d1ogae2</a> | Alignment | not modelled | 99.9 | 34<br><b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 42 | <a href="#">d1fnga1</a> | Alignment | not modelled | 99.9 | 27<br><b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 43 | <a href="#">c2p24A_</a> | Alignment | not modelled | 99.9 | 28<br><b>PDB header:</b> immune system<br><b>Chain:</b> A: <b>PDB Molecule:</b> h-2 class ii histocompatibility antigen, a-u alpha chain;<br><b>PDBTitle:</b> i-au/mbp125-135  |
| 44 | <a href="#">d1s9va1</a> | Alignment | not modelled | 99.9 | 31<br><b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 45 | <a href="#">d1kcrh2</a> | Alignment | not modelled | 99.9 | 30<br><b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 46 | <a href="#">d1deeb2</a> | Alignment | not modelled | 99.9 | 24<br><b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 47 | <a href="#">d1klua1</a> | Alignment | not modelled | 99.9 | 27<br><b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 48 | <a href="#">c2bc4C_</a> | Alignment | not modelled | 99.9 | 33<br><b>PDB header:</b> immune system<br><b>Chain:</b> C: <b>PDB Molecule:</b> hla class ii histocompatibility antigen, dm<br><b>PDBTitle:</b> crystal structure of hla-dm  |
| 49 | <a href="#">c1iebD_</a> | Alignment | not modelled | 99.9 | 32<br><b>PDB header:</b> histocompatibility antigen<br><b>Chain:</b> D: <b>PDB Molecule:</b> mhc class ii i-ek;<br><b>PDBTitle:</b> histocompatibility antigen   |
| 50 | <a href="#">c2xpgB_</a> | Alignment | not modelled | 99.9 | 23<br><b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> crystal structure of a mhc class i-peptide complex   |
| 51 | <a href="#">d1ow0a2</a> | Alignment | not modelled | 99.9 | 36<br><b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 52 | <a href="#">d2ig2h2</a> | Alignment | not modelled | 99.9 | 36<br><b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 53 | <a href="#">d1fngb1</a> | Alignment | not modelled | 99.9 | 30<br><b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 54 | <a href="#">c1f3jD_</a> | Alignment | not modelled | 99.9 | 27<br><b>PDB header:</b> immune system<br><b>Chain:</b> D: <b>PDB Molecule:</b> h-2 class ii histocompatibility antigen;<br><b>PDBTitle:</b> histocompatibility antigen i-ag7  |
| 55 | <a href="#">d1iakb1</a> | Alignment | not modelled | 99.9 | 31<br><b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 56 | <a href="#">c1cebB_</a> | Alignment | not modelled | 99.9 | 23<br><b>PDB header:</b> complex (mhc ii/peptide/toxin)<br><b>Chain:</b> B: <b>PDB Molecule:</b> hla class ii histocompatibility antigen;  |

|    |                         |           |              |      |    |  |
|----|-------------------------|-----------|--------------|------|----|--|
| 56 | <a href="#">c1seub</a>  | Alignment | not modelled | 99.8 | 21 | <b>PDBTitle:</b> complex of the human mhc class ii glycoprotein hla-dr1 and2 the bacterial superantigen seb<br><b>PDB header:</b> histocompatibility antigen/peptide   |
| 57 | <a href="#">c1mhcA</a>  | Alignment | not modelled | 99.8 | 21 | <b>Chain:</b> A: <b>PDB Molecule:</b> mhc class i antigen h2-m3;<br><b>PDBTitle:</b> model of mhc class i h2-m3 with nonapeptide from rat nd1 refined at2 2.3 angstroms resolution   |
| 58 | <a href="#">d2ck0l2</a> | Alignment | not modelled | 99.8 | 37 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 59 | <a href="#">d1t66d2</a> | Alignment | not modelled | 99.8 | 31 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 60 | <a href="#">d2iada1</a> | Alignment | not modelled | 99.8 | 28 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 61 | <a href="#">d1muja1</a> | Alignment | not modelled | 99.8 | 28 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 62 | <a href="#">c3p73A</a>  | Alignment | not modelled | 99.8 | 24 | <b>PDB header:</b> immune system<br><b>Chain:</b> A: <b>PDB Molecule:</b> mhc rfp-y class i alpha chain;<br><b>PDBTitle:</b> crystal structures of the chicken yf1*7.1 molecule  |
| 63 | <a href="#">c3o8xB</a>  | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2 microglobulin;<br><b>PDBTitle:</b> recognition of glycolipid antigen by ink t cell tcr  |
| 64 | <a href="#">d1fv1b1</a> | Alignment | not modelled | 99.8 | 29 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 65 | <a href="#">d1mcoh2</a> | Alignment | not modelled | 99.8 | 31 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 66 | <a href="#">d1dn0b2</a> | Alignment | not modelled | 99.8 | 26 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 67 | <a href="#">c3fonA</a>  | Alignment | not modelled | 99.8 | 20 | <b>PDB header:</b> immune system<br><b>Chain:</b> A: <b>PDB Molecule:</b> mhc;<br><b>PDBTitle:</b> crystal structure of the class i mhc molecule h-2kwm7 with a single2 self peptide vndifeai  |
| 68 | <a href="#">c3ecbB</a>  | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2 microglobulin;<br><b>PDBTitle:</b> crystal structure of mouse h-2dd in complex with peptide2 p18-i10 derived from human immunodeficiency virus envelope3 glycoprotein 120 |
| 69 | <a href="#">c3mrgB</a>  | Alignment | not modelled | 99.8 | 23 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> crystal structure of mhc class i hla-a2 molecule complexed with hcv2 ns3-1073-1081 nonapeptide   |
| 70 | <a href="#">c3pwnB</a>  | Alignment | not modelled | 99.8 | 23 | <b>PDB header:</b> protein binding<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> human class i mhc hla-a2 in complex with the hud (g21) peptide variant   |
| 71 | <a href="#">c3pwnE</a>  | Alignment | not modelled | 99.8 | 23 | <b>PDB header:</b> protein binding<br><b>Chain:</b> E: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> human class i mhc hla-a2 in complex with the hud (g21) peptide variant   |
| 72 | <a href="#">c3nfjE</a>  | Alignment | not modelled | 99.8 | 23 | <b>PDB header:</b> immune system<br><b>Chain:</b> E: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> recognition of peptide-mhc by a v-delta/v-beta tcr   |
| 73 | <a href="#">c3ox8E</a>  | Alignment | not modelled | 99.8 | 23 | <b>PDB header:</b> immune system<br><b>Chain:</b> E: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> crystal structure of hla a*02:03 bound to hbv core 18-27   |
| 74 | <a href="#">c3he7B</a>  | Alignment | not modelled | 99.8 | 23 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2 microglobulin;<br><b>PDBTitle:</b> crystal structure of mouse cd1d-alpha-galactosylceramide with mouse2 valpha14-vbeta7 nkt tcr   |
| 75 | <a href="#">d3c2ah2</a> | Alignment | not modelled | 99.8 | 30 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 76 | <a href="#">c3rwbB</a>  | Alignment | not modelled | 99.8 | 23 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> rhesus macaque mhc class i molecule mamu-b*17-mw9  |
| 77 | <a href="#">d1c16a1</a> | Alignment | not modelled | 99.8 | 20 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)  |
| 78 | <a href="#">c3mrkB</a>  | Alignment | not modelled | 99.8 | 23 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> crystal structure of mhc class i hla-a2 molecule complexed with afp1372 nonapeptide  |
| 79 | <a href="#">c3qdaA</a>  | Alignment | not modelled | 99.8 | 23 | <b>PDB header:</b> immune system<br><b>Chain:</b> A: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> crystal structure of w95l beta-2 microglobulin   |
| 80 | <a href="#">c3qi9B</a>  | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> crystal structure of mouse cd1d-alpha-phosphatidylinositol with mouse2 valpha14-vbeta6 2a3-d nkt tcr                                   |
| 81 | <a href="#">c3arfB</a>  | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> ternary crystal structure of the mouse nkt tcr-cd1d-c20:2  |
| 82 | <a href="#">c3ilqD</a>  | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> D: <b>PDB Molecule:</b> beta-2 microglobulin;<br><b>PDBTitle:</b> structure of mcd1d with bound glycolipid bbg1-2c from2 borrelia burgdorferi<br><b>PDB header:</b> immune system                        |

|     |                         |           |              |      |    |   |
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| 83  | <a href="#">c2yf6A_</a> | Alignment | not modelled | 99.8 | 19 | <b>Chain:</b> A: <b>PDB Molecule:</b> major histocompatibility complex class i glycoprotein<br><b>PDBTitle:</b> complex of a b21 chicken mhc class i molecule and a 10mer2 chicken peptide  |
| 84  | <a href="#">c3he6B_</a> | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2 microglobulin;<br><b>PDBTitle:</b> crystal structure of mouse cd1d-alpha-galactosylceramide with mouse2 valpha14-vbeta8.2 nkt tcr  |
| 85  | <a href="#">c3ubxB_</a> | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> crystal structure of the mouse cd1d-c20:2-agalcer-I363 mab fab complex  |
| 86  | <a href="#">c3ardB_</a> | Alignment | not modelled | 99.8 | 20 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> ternary crystal structure of the mouse nkt tcr-cd1d-3'deoxy-alpha-2 galactosylceramide  |
| 87  | <a href="#">c3e6hB_</a> | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> putative uncharacterized protein;<br><b>PDBTitle:</b> mhc class i h-2dd heavy chain complexed with beta-22 microglobulin and a variant peptide, pi10, from the human3 immunodeficiency virus (bal) envelope glycoprotein 120                  |
| 88  | <a href="#">c3areB_</a> | Alignment | not modelled | 99.8 | 20 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> ternary crystal structure of the mouse nkt tcr-cd1d-4'deoxy-alpha-2 galactosylceramide  |
| 89  | <a href="#">d1igtb3</a> | Alignment | not modelled | 99.8 | 22 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)   |
| 90  | <a href="#">c3t1fB_</a> | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> crystal structure of the mouse cd1d-glc-dag-s2 complex  |
| 91  | <a href="#">c3c8kB_</a> | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2 microglobulin;<br><b>PDBTitle:</b> the crystal structure of ly49c bound to h-2kb   |
| 92  | <a href="#">c3gmlB_</a> | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2 microglobulin;<br><b>PDBTitle:</b> structure of mouse cd1d in complex with c6ph  |
| 93  | <a href="#">c3gmqB_</a> | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2 microglobulin;<br><b>PDBTitle:</b> structure of mouse cd1d expressed in sf9 cells, no ligand added   |
| 94  | <a href="#">c3gmoB_</a> | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2 microglobulin;<br><b>PDBTitle:</b> structure of mouse cd1d in complex with c8phf   |
| 95  | <a href="#">c3gmmB_</a> | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2 microglobulin;<br><b>PDBTitle:</b> structure of mouse cd1d in complex with c8ph  |
| 96  | <a href="#">c3gmnB_</a> | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2 microglobulin;<br><b>PDBTitle:</b> structure of mouse cd1d in complex with c10ph   |
| 97  | <a href="#">c3gmpB_</a> | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2 microglobulin;<br><b>PDBTitle:</b> structure of mouse cd1d in complex with pbs-25  |
| 98  | <a href="#">c1zhhb_</a> | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> J: <b>PDB Molecule:</b> h-2 class i histocompatibility antigen, d-b<br><b>PDBTitle:</b> crystal structure of the murine class i major2 histocompatibility complex of h-2db, b2-microglobulin, and3 a 9-residue peptide derived from rat dopamine beta-4 monooxygenase |
| 99  | <a href="#">c3ilpB_</a> | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2 microglobulin;<br><b>PDBTitle:</b> structure of mcd1d with bound glycolipid bbg1-2f from2 borrelia burgdorferi   |
| 100 | <a href="#">c3gmrB_</a> | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2 microglobulin;<br><b>PDBTitle:</b> structure of mouse cd1d in complex with c8ph, different space group   |
| 101 | <a href="#">d1k8ia1</a> | Alignment | not modelled | 99.8 | 31 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)   |
| 102 | <a href="#">d1orqb2</a> | Alignment | not modelled | 99.8 | 27 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)   |
| 103 | <a href="#">c3dmmB_</a> | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2 microglobulin;<br><b>PDBTitle:</b> crystal structure of the cd8 alpha beta/h-2dd complex   |
| 104 | <a href="#">c3e6fB_</a> | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2 microglobulin;<br><b>PDBTitle:</b> mhc class i h-2dd heavy chain complexed with beta-22 microglobulin and a variant peptide, pa9, from the human3 immunodeficiency virus (bal) envelope glycoprotein 120                               |
| 105 | <a href="#">c2ve6E_</a> | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> E: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> crystal structure of a murine mhc class i h2-db molecule in2 complex with a photocleavable peptide  |
| 106 | <a href="#">c3u0pB_</a> | Alignment | not modelled | 99.8 | 23 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> crystal structure of human cd1d-lysophosphatidylcholine   |
| 107 | <a href="#">c3rl2B_</a> | Alignment | not modelled | 99.8 | 23 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> hiv nef derived peptide nef73 complexed to hla-a*0301   |
| 108 | <a href="#">c2ve6B_</a> | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> crystal structure of a murine mhc class i h2-db molecule in2 complex with a photocleavable peptide  |

|     |                         |           |              |      |    |   |
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| 109 | <a href="#">d1osph2</a> | Alignment | not modelled | 99.8 | 27 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)   |
| 110 | <a href="#">d1h0db2</a> | Alignment | not modelled | 99.8 | 30 | <b>Fold:</b> Immunoglobulin-like beta-sandwich<br><b>Superfamily:</b> Immunoglobulin<br><b>Family:</b> C1 set domains (antibody constant domain-like)   |
| 111 | <a href="#">c3mrdB</a>  | Alignment | not modelled | 99.8 | 23 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> crystal structure of mhc class i hla-a2 molecule complexed with hcmv2 pp65-495-503 nonapeptide v6g variant  |
| 112 | <a href="#">c1s7tB</a>  | Alignment | not modelled | 99.8 | 21 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> crystal structures of the murine class i major2 histocompatibility complex h-2kb in complex with lcmv-3 derived gp33 index peptide and three of its escape variants |
| 113 | <a href="#">c3vfoB</a>  | Alignment | not modelled | 99.8 | 23 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> crystal structure of peptide-hla complex, hla mutant  |
| 114 | <a href="#">c3vfpB</a>  | Alignment | not modelled | 99.8 | 23 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> crystal structure of peptide-hla complex, hla mutant  |
| 115 | <a href="#">c3vfwB</a>  | Alignment | not modelled | 99.8 | 23 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> crystal structure of peptide-hla complex, peptide mutant  |
| 116 | <a href="#">c3vh8E</a>  | Alignment | not modelled | 99.8 | 23 | <b>PDB header:</b> immune system<br><b>Chain:</b> E: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> kir3dl1 in complex with hla-b*5701  |
| 117 | <a href="#">c3skmB</a>  | Alignment | not modelled | 99.8 | 23 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> crystal structure of a peptide-hla structure  |
| 118 | <a href="#">c3t8xD</a>  | Alignment | not modelled | 99.8 | 23 | <b>PDB header:</b> immune system<br><b>Chain:</b> D: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> crystal structure of human cd1b in complex with synthetic antigenic2 diacylsulfoglycolipid sgl12 and endogenous spacer  |
| 119 | <a href="#">c3vh8B</a>  | Alignment | not modelled | 99.8 | 23 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> kir3dl1 in complex with hla-b*5701  |
| 120 | <a href="#">c3rewB</a>  | Alignment | not modelled | 99.8 | 23 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> beta-2-microglobulin;<br><b>PDBTitle:</b> crystal structure of an lmp2a-derived peptide bound to human class i2 mhc hla-a2  |