






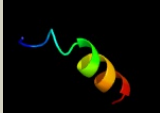









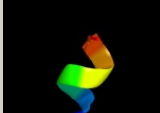






# Phyre2

Email mdejesus@rockefeller.edu  
 Description RVBD0847\_(lpqS)\_944346\_944738  
 Date Fri Jul 26 01:50:43 BST 2019  
 Unique Job ID 9083bf3c5b47592a

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1rpio_</a>	 Alignment		14.8	33	<b>Fold:</b> Acid proteases <b>Superfamily:</b> Acid proteases <b>Family:</b> Retroviral protease (retropepsin)
2	<a href="#">d1kzka_</a>	 Alignment		13.6	44	<b>Fold:</b> Acid proteases <b>Superfamily:</b> Acid proteases <b>Family:</b> Retroviral protease (retropepsin)
3	<a href="#">d1nh0a_</a>	 Alignment		11.7	40	<b>Fold:</b> Acid proteases <b>Superfamily:</b> Acid proteases <b>Family:</b> Retroviral protease (retropepsin)
4	<a href="#">c2micA_</a>	 Alignment		11.1	35	<b>PDB header:</b> membrane protein <b>Chain:</b> A; <b>PDB Molecule:</b> tumor necrosis factor receptor superfamily member 16; <b>PDBTitle:</b> nmr structure of p75 transmembrane domain in dpc micelles
5	<a href="#">c2micB_</a>	 Alignment		11.0	35	<b>PDB header:</b> membrane protein <b>Chain:</b> B; <b>PDB Molecule:</b> tumor necrosis factor receptor superfamily member 16; <b>PDBTitle:</b> nmr structure of p75 transmembrane domain in dpc micelles
6	<a href="#">d2nmza1</a>	 Alignment		9.8	44	<b>Fold:</b> Acid proteases <b>Superfamily:</b> Acid proteases <b>Family:</b> Retroviral protease (retropepsin)
7	<a href="#">d1az5a_</a>	 Alignment		9.2	40	<b>Fold:</b> Acid proteases <b>Superfamily:</b> Acid proteases <b>Family:</b> Retroviral protease (retropepsin)
8	<a href="#">d1siva_</a>	 Alignment		8.6	50	<b>Fold:</b> Acid proteases <b>Superfamily:</b> Acid proteases <b>Family:</b> Retroviral protease (retropepsin)
9	<a href="#">d1nsoa_</a>	 Alignment		8.0	50	<b>Fold:</b> Acid proteases <b>Superfamily:</b> Acid proteases <b>Family:</b> Retroviral protease (retropepsin)
10	<a href="#">d1c6ya_</a>	 Alignment		8.0	40	<b>Fold:</b> Acid proteases <b>Superfamily:</b> Acid proteases <b>Family:</b> Retroviral protease (retropepsin)
11	<a href="#">d1bdqa_</a>	 Alignment		7.2	40	<b>Fold:</b> Acid proteases <b>Superfamily:</b> Acid proteases <b>Family:</b> Retroviral protease (retropepsin)

12	<a href="#">d1sgua_</a>	Alignment		6.4	38	<b>Fold:</b> Acid proteases <b>Superfamily:</b> Acid proteases <b>Family:</b> Retroviral protease (retropepsin)
13	<a href="#">d4fiva_</a>	Alignment		6.4	38	<b>Fold:</b> Acid proteases <b>Superfamily:</b> Acid proteases <b>Family:</b> Retroviral protease (retropepsin)
14	<a href="#">d1baja_</a>	Alignment		5.6	40	<b>Fold:</b> Acid proteases <b>Superfamily:</b> Acid proteases <b>Family:</b> Retroviral protease (retropepsin)
15	<a href="#">d1v5na_</a>	Alignment		5.5	26	<b>Fold:</b> Cysteine-rich domain <b>Superfamily:</b> Cysteine-rich domain <b>Family:</b> C1-like domain

16 [d3ecga1](#)

Alignment



5.4

38

**Fold:** Acid proteases  
**Superfamily:** Acid proteases  
**Family:** Retroviral protease (retropepsin)