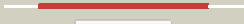













# Phyre2

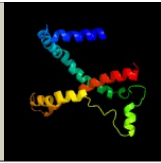
Email	mdejesus@rockefeller.edu
Description	RVBD0658c_(-)_753696_754412
Date	Fri Jul 26 01:50:22 BST 2019
Unique Job ID	185e46584795b62f

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c4cadC_</a>	 Alignment		100.0	15	<b>PDB header:</b> protein binding <b>Chain:</b> C: <b>PDB Molecule:</b> ras and a-factor converting enzyme 1, rce1; <b>PDBTitle:</b> mechanism of farnesylated caax protein processing by the integral2 membrane protease rce1
2	<a href="#">c4cadF_</a>	 Alignment		100.0	16	<b>PDB header:</b> protein binding <b>Chain:</b> F: <b>PDB Molecule:</b> ras and a-factor converting enzyme 1, rce1; <b>PDBTitle:</b> mechanism of farnesylated caax protein processing by the integral2 membrane protease rce1
3	<a href="#">c3rlbB_</a>	 Alignment		10.7	23	<b>PDB header:</b> thiamine-binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> thit; <b>PDBTitle:</b> crystal structure at 2.0 a of the s-component for thiamin from an ecf-2 type abc transporter
4	<a href="#">c4hzuS_</a>	 Alignment		9.0	5	<b>PDB header:</b> hydrolase, transport protein <b>Chain:</b> S: <b>PDB Molecule:</b> predicted membrane protein; <b>PDBTitle:</b> structure of a bacterial energy-coupling factor transporter
5	<a href="#">c3rlbA_</a>	 Alignment		8.7	23	<b>PDB header:</b> thiamine-binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> thit; <b>PDBTitle:</b> crystal structure at 2.0 a of the s-component for thiamin from an ecf-2 type abc transporter
6	<a href="#">c5wwoB_</a>	 Alignment		8.0	17	<b>PDB header:</b> rna binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> essential nuclear protein 1; <b>PDBTitle:</b> crystal structure of enp1

7 [c2w8aC\\_](#)

Alignment



7.0

14

**PDB header:**membrane protein

**Chain:** C: **PDB Molecule:**glycine betaine transporter betp;

**PDBTitle:** crystal structure of the sodium-coupled glycine betaine2 symporter betp from corynebacterium glutamicum with bound3 substrate