
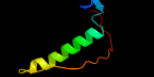

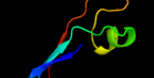

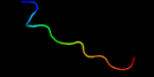



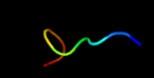



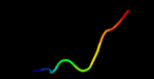



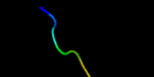




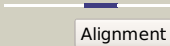

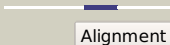

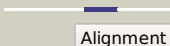




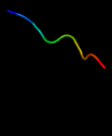
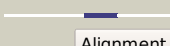

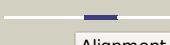
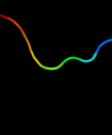



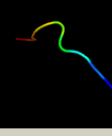
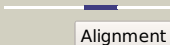


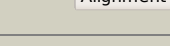
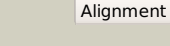

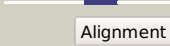
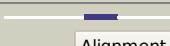



Phyre2

Email mdejesus@rockefeller.edu
 Description RVBD2270_(lppN)_2544708_2545235
 Date Mon Aug 5 13:25:41 BST 2019
 Unique Job ID d70ef33ed58be786

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2cwza1	 Alignment		31.1	11	Fold: Thioesterase/thiol ester dehydrase-isomerase Superfamily: Thioesterase/thiol ester dehydrase-isomerase Family: TTHA0967-like
2	c6czhB_	 Alignment		16.2	18	PDB header: de novo protein Chain: B: PDB Molecule: mfap0; PDBTitle: structure of a redesigned beta barrel, mfap0, bound to dfhbi
3	c5ue8B_	 Alignment		9.0	38	PDB header: exocytosis Chain: B: PDB Molecule: protein unc-13 homolog a; PDBTitle: the crystal structure of munc13-1 c1c2bmun domain
4	c3izcW_	 Alignment		7.7	22	PDB header: ribosome Chain: W: PDB Molecule: 60s ribosomal protein rpl22 (I22e); PDBTitle: localization of the large subunit ribosomal proteins into a 6.1 a2 cryo-em map of saccharomyces cerevisiae translating 80s ribosome
5	c3j39U_	 Alignment		6.9	22	PDB header: ribosome Chain: U: PDB Molecule: 60s ribosomal protein I22; PDBTitle: structure of the d. melanogaster 60s ribosomal proteins
6	c3iz5W_	 Alignment		6.7	22	PDB header: ribosome Chain: W: PDB Molecule: 60s ribosomal protein I22 (I22e); PDBTitle: localization of the large subunit ribosomal proteins into a 5.5 a2 cryo-em map of triticum aestivum translating 80s ribosome
7	c6dmmB_	 Alignment		5.6	56	PDB header: antimicrobial protein Chain: B: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of the g23a mutant of human alpha defensin hnp4.
8	c6dmmF_	 Alignment		5.6	56	PDB header: antimicrobial protein Chain: F: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of the g23a mutant of human alpha defensin hnp4.
9	c6dmmG_	 Alignment		5.6	56	PDB header: antimicrobial protein Chain: G: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of the g23a mutant of human alpha defensin hnp4.
10	c6dmmD_	 Alignment		5.6	56	PDB header: antimicrobial protein Chain: D: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of the g23a mutant of human alpha defensin hnp4.
11	c6dmqG_	 Alignment		5.6	56	PDB header: antimicrobial protein Chain: G: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of the t27a mutant of human alpha defensin hnp4.

12	c6dmqE_	 Alignment		5.6	56	PDB header: antimicrobial protein Chain: E: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of the t27a mutant of human alpha defensin hnp4.
13	c6dmqC_	 Alignment		5.6	56	PDB header: antimicrobial protein Chain: C: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of the t27a mutant of human alpha defensin hnp4.
14	c6dmqH_	 Alignment		5.6	56	PDB header: antimicrobial protein Chain: H: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of the t27a mutant of human alpha defensin hnp4.
15	c1zmmC_	 Alignment		5.5	56	PDB header: antimicrobial protein Chain: C: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of human alpha-defensin-4
16	c1zmmA_	 Alignment		5.5	56	PDB header: antimicrobial protein Chain: A: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of human alpha-defensin-4
17	c2oqjL_	 Alignment		5.4	31	PDB header: immune system Chain: L: PDB Molecule: peptide 2g12.1 (acppshvldmrsrgtclaaegk); PDBTitle: crystal structure analysis of fab 2g12 in complex with peptide 2g12.1
18	c6dmmH_	 Alignment		5.3	56	PDB header: antimicrobial protein Chain: H: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of the g23a mutant of human alpha defensin hnp4.
19	c6dmmI_	 Alignment		5.3	56	PDB header: antimicrobial protein Chain: I: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of the g23a mutant of human alpha defensin hnp4.
20	c6dmmL_	 Alignment		5.3	56	PDB header: antimicrobial protein Chain: L: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of the g23a mutant of human alpha defensin hnp4.
21	c6dmmK_	 Alignment	not modelled	5.3	56	PDB header: antimicrobial protein Chain: K: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of the g23a mutant of human alpha defensin hnp4.
22	c6dmqA_	 Alignment	not modelled	5.2	56	PDB header: antimicrobial protein Chain: A: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of the t27a mutant of human alpha defensin hnp4.
23	c6dmqB_	 Alignment	not modelled	5.2	56	PDB header: antimicrobial protein Chain: B: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of the t27a mutant of human alpha defensin hnp4.
24	c6dmqF_	 Alignment	not modelled	5.2	56	PDB header: antimicrobial protein Chain: F: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of the t27a mutant of human alpha defensin hnp4.
25	c1zmmB_	 Alignment	not modelled	5.2	56	PDB header: antimicrobial protein Chain: B: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of human alpha-defensin-4
26	c6dmmE_	 Alignment	not modelled	5.1	56	PDB header: antimicrobial protein Chain: E: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of the g23a mutant of human alpha defensin hnp4.
27	c6dmmC_	 Alignment	not modelled	5.1	56	PDB header: antimicrobial protein Chain: C: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of the g23a mutant of human alpha defensin hnp4.
28	c6dmmA_	 Alignment	not modelled	5.1	56	PDB header: antimicrobial protein Chain: A: PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of the g23a mutant of human alpha defensin hnp4.
						PDB header: antimicrobial protein

29	c6dmmj_	Alignment	not modelled	5.1	56	Chain: J; PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of the g23a mutant of human alpha defensin hnp4.
30	c6dmqD_	Alignment	not modelled	5.1	56	PDB header: antimicrobial protein Chain: D; PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of the t27a mutant of human alpha defensin hnp4.
31	c1zmmD_	Alignment	not modelled	5.1	56	PDB header: antimicrobial protein Chain: D; PDB Molecule: neutrophil defensin 4; PDBTitle: crystal structure of human alpha-defensin-4