

# Phyre<sup>2</sup>

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Description	P23869
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Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1lopa_	Alignment		100.0	99	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
2	c3s6mA_	Alignment		100.0	66	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> peptidyl-prolyl cis-trans isomerase; <b>PDBTitle:</b> the structure of a peptidyl-prolyl cis-trans isomerase from 2 burkholderia pseudomallei
3	d1v9ta_	Alignment		100.0	57	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
4	c2k7nA_	Alignment		100.0	31	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> peptidyl-prolyl cis-trans isomerase-like 1; <b>PDBTitle:</b> solution structure of the ppil1 bound to a fragment of skip
5	d2fu0a1	Alignment		100.0	32	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
6	d2a2na1	Alignment		100.0	35	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
7	c3bo7D_	Alignment		100.0	30	<b>PDB header:</b> isomerase/immunosuppressant <b>Chain:</b> D: <b>PDB Molecule:</b> peptidyl-prolyl cis-trans isomerase cyclophilin-type; <b>PDBTitle:</b> crystal structure of toxoplasma gondii peptidyl-prolyl cis-trans2 isomerase, 541.m00136
8	d2b71a1	Alignment		100.0	33	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
9	c2b71A_	Alignment		100.0	33	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> cyclophilin-like protein; <b>PDBTitle:</b> plasmodium yoelii cyclophilin-like protein
10	d2ok3a1	Alignment		100.0	32	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
11	c1ihgA_	Alignment		100.0	29	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> cyclophilin 40; <b>PDBTitle:</b> bovine cyclophilin 40, monoclinic form

12	<a href="#">d1zkca1</a>		100.0	34	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
13	<a href="#">c2hq6A</a>		100.0	30	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> serologically defined colon cancer antigen 10; <b>PDBTitle:</b> structure of the cyclophilin_cecyp16-like domain of the serologically2 defined colon cancer antigen 10 from homo sapiens
14	<a href="#">d1xwna1</a>		100.0	31	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
15	<a href="#">d1w74a</a>		100.0	38	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
16	<a href="#">c2qerA</a>		100.0	32	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> cyclophilin-like protein, putative; <b>PDBTitle:</b> crystal structure of cryptosporidium parvum cyclophilin type peptidyl-2 prolyl cis-trans isomerase cgd2_1660 in the presence of dipeptide3 ala-pro
17	<a href="#">d1ihga2</a>		100.0	28	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
18	<a href="#">c2he9B</a>		100.0	30	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> nk-tumor recognition protein; <b>PDBTitle:</b> structure of the peptidylprolyl isomerase domain of the2 human nk-tumour recognition protein
19	<a href="#">d1xo7a</a>		100.0	38	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
20	<a href="#">d1cyra</a>		100.0	32	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
21	<a href="#">c3k2cA</a>	Alignment	not modelled	100.0	32 <b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> peptidyl-prolyl cis-trans isomerase; <b>PDBTitle:</b> crystal structure of peptidyl-prolyl cis-trans isomerase2 from encephalitozoon cuniculi at 1.9 a resolution
22	<a href="#">d2esla1</a>	Alignment	not modelled	100.0	30 <b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
23	<a href="#">c3bkpA</a>	Alignment	not modelled	100.0	33 <b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> cyclophilin; <b>PDBTitle:</b> crystal structure of the toxoplasma gondii cyclophilin, 49.m03261
24	<a href="#">c2poyB</a>	Alignment	not modelled	100.0	30 <b>PDB header:</b> isomerase/immunosuppressant <b>Chain:</b> B: <b>PDB Molecule:</b> peptidyl-prolyl cis-trans isomerase; <b>PDBTitle:</b> cryptosporidium parvum cyclophilin type peptidyl-prolyl cis-trans2 isomerase cgd2_4120 in complex with cyclosporin a
25	<a href="#">c1z81A</a>	Alignment	not modelled	100.0	29 <b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> cyclophilin; <b>PDBTitle:</b> crystal structure of cyclophilin from plasmodium yoelii.
26	<a href="#">d1z81a1</a>	Alignment	not modelled	100.0	29 <b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
27	<a href="#">d2rmca</a>	Alignment	not modelled	100.0	34 <b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
28	<a href="#">c2ck1A</a>	Alignment	not modelled	100.0	35 <b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> peptidyl-prolyl cis-trans isomerase e; <b>PDBTitle:</b> the structure of oxidised cyclophilin a from s. mansoni
					<b>Fold:</b> Cyclophilin-like

29	<a href="#">d1qnga_</a>	Alignment	not modelled	100.0	29	<b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
30	<a href="#">d1vdna1</a>	Alignment	not modelled	100.0	32	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
31	<a href="#">d1w8ma_</a>	Alignment	not modelled	100.0	26	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
32	<a href="#">d1a33a_</a>	Alignment	not modelled	100.0	33	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
33	<a href="#">d1h0pa_</a>	Alignment	not modelled	100.0	33	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
34	<a href="#">d2z6wa1</a>	Alignment	not modelled	100.0	30	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
35	<a href="#">d2igva1</a>	Alignment	not modelled	100.0	30	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
36	<a href="#">d2r99a1</a>	Alignment	not modelled	100.0	30	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
37	<a href="#">d1qoia_</a>	Alignment	not modelled	100.0	33	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
38	<a href="#">c2oseA_</a>	Alignment	not modelled	100.0	22	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> probable peptidyl-prolyl cis-trans isomerase; <b>PDBTitle:</b> crystal structure of the mimivirus cyclophilin
39	<a href="#">d2cfea1</a>	Alignment	not modelled	100.0	36	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
40	<a href="#">d2c3ba1</a>	Alignment	not modelled	100.0	34	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> Cyclophilin (peptidylprolyl isomerase)
41	<a href="#">c2nnzA_</a>	Alignment	not modelled	96.1	16	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein; <b>PDBTitle:</b> solution structure of the hypothetical protein af2241 from2 archaeoglobus fulgidus
42	<a href="#">c3kopB_</a>	Alignment	not modelled	95.9	18	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of protein with a cyclophilin-like fold2 (yp_831253.1) from arthrobacter sp. fb24 at 1.90 a resolution
43	<a href="#">d1zx8a1</a>	Alignment	not modelled	93.5	16	<b>Fold:</b> Cyclophilin-like <b>Superfamily:</b> Cyclophilin-like <b>Family:</b> TM1367-like
44	<a href="#">c2khfA_</a>	Alignment	not modelled	15.9	50	<b>PDB header:</b> antimicrobial protein <b>Chain:</b> A: <b>PDB Molecule:</b> plnj; <b>PDBTitle:</b> plantaricin j in dpc-micelles
45	<a href="#">c2khgA_</a>	Alignment	not modelled	13.8	50	<b>PDB header:</b> antimicrobial protein <b>Chain:</b> A: <b>PDB Molecule:</b> plnj; <b>PDBTitle:</b> plantaricin j in tfe
46	<a href="#">c3ipfA_</a>	Alignment	not modelled	12.3	31	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of the q251q8_deshy protein from desulfitobacterium2 hafniense. northeast structural genomics consortium target dhr8c.