













# Phyre2

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Description	P62522
Date	Thu Jan 5 12:07:34 GMT 2012
Unique Job ID	9dec9dbd79aa0d98

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3mraA_</a>	 Alignment		25.8	67	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> nicotinic acetylcholine receptor; <b>PDBTitle:</b> m3 transmembrane segment of alpha-subunit of nicotinic2 acetylcholine receptor from torpedo californica, nmr, 153 structures
2	<a href="#">c3b8fB_</a>	 Alignment		14.1	43	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> putative blasticidin s deaminase; <b>PDBTitle:</b> crystal structure of the cytidine deaminase from bacillus anthracis
3	<a href="#">c3oj6C_</a>	 Alignment		9.0	57	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> blasticidin-s deaminase; <b>PDBTitle:</b> crystal structure of blasticidin s deaminase from coccidioides immitis
4	<a href="#">d1r5ta_</a>	 Alignment		6.2	50	<b>Fold:</b> Cytidine deaminase-like <b>Superfamily:</b> Cytidine deaminase-like <b>Family:</b> Cytidine deaminase
5	<a href="#">d1mbxa_</a>	 Alignment		5.6	50	<b>Fold:</b> Knottins (small inhibitors, toxins, lectins) <b>Superfamily:</b> Scorpion toxin-like <b>Family:</b> Short-chain scorpion toxins
6	<a href="#">d1q90m_</a>	 Alignment		5.3	88	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> PetM subunit of the cytochrome b6f complex <b>Family:</b> PetM subunit of the cytochrome b6f complex

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[d2z3ga1](#)

Alignment



5.2

57

**Fold:**Cytidine deaminase-like  
**Superfamily:**Cytidine deaminase-like  
**Family:**Cytidine deaminase