

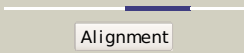

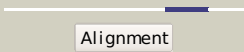
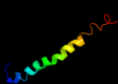
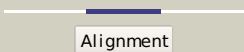



Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P0AA63
Date	Thu Jan 5 11:12:02 GMT 2012
Unique Job ID	f8ed7e9018000a75

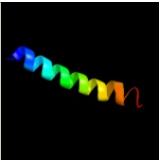
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2osoa1	 Alignment		13.4	19	Fold: Ligand-binding domain in the NO signalling and Golgi transport Superfamily: Ligand-binding domain in the NO signalling and Golgi transport Family: MJ1460-like
2	c2bbjB_	 Alignment		8.4	13	PDB header: metal transport/membrane protein Chain: B: PDB Molecule: divalent cation transport-related protein; PDBTitle: crystal structure of the cora mg2+ transporter
3	d1fftb2	 Alignment		7.5	14	Fold: Transmembrane helix hairpin Superfamily: Cytochrome c oxidase subunit II-like, transmembrane region Family: Cytochrome c oxidase subunit II-like, transmembrane region
4	d2vv5a3	 Alignment		6.1	19	Fold: Mechanosensitive channel protein MscS (YggB), transmembrane region Superfamily: Mechanosensitive channel protein MscS (YggB), transmembrane region Family: Mechanosensitive channel protein MscS (YggB), transmembrane region

5

c1ijA_

Alignment



5.5

14

PDB header:signaling protein
Chain: A: **PDB Molecule:**erbB-2 receptor protein-tyrosine kinase;
PDBTitle: solution structure of the neu/erbB-2 membrane spanning2 segment