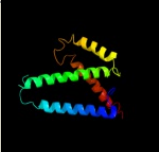
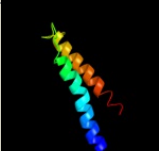


# Phyre2

|               |                             |
|---------------|-----------------------------|
| Email         | I.a.kelley@imperial.ac.uk   |
| Description   | P0AAA7                      |
| Date          | Thu Jan 5 11:12:23 GMT 2012 |
| Unique Job ID | 489d45b0e9b31936            |

Detailed template information

| # | Template                | Alignment Coverage                                                                          | 3D Model                                                                           | Confidence | % i.d. | Template Information                                                                                                                                                                                                                        |
|---|-------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <a href="#">c3mkuA_</a> |  Alignment |   | 100.0      | 11     | <b>PDB header:</b> transport protein<br><b>Chain:</b> A: <b>PDB Molecule:</b> multi antimicrobial extrusion protein (na(+))/drug<br><b>PDBTitle:</b> structure of a cation-bound multidrug and toxin compound extrusion2 (mate) transporter |
| 2 | <a href="#">c2yvxD_</a> |  Alignment |   | 15.3       | 16     | <b>PDB header:</b> transport protein<br><b>Chain:</b> D: <b>PDB Molecule:</b> mg2+ transporter mgte;<br><b>PDBTitle:</b> crystal structure of magnesium transporter mgte                                                                    |
| 3 | <a href="#">c3lrcC_</a> |  Alignment |   | 11.0       | 12     | <b>PDB header:</b> transport protein<br><b>Chain:</b> C: <b>PDB Molecule:</b> arginine/agmatine antiporter;<br><b>PDBTitle:</b> structure of e. coli adic (p1)                                                                              |
| 4 | <a href="#">d2iuba2</a> |  Alignment |  | 6.0        | 8      | <b>Fold:</b> Transmembrane helix hairpin<br><b>Superfamily:</b> Magnesium transport protein CorA, transmembrane region<br><b>Family:</b> Magnesium transport protein CorA, transmembrane region                                             |