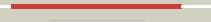
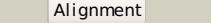
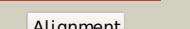
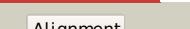
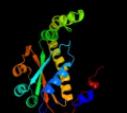
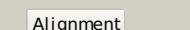
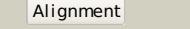
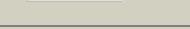
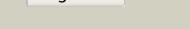
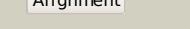
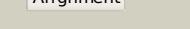
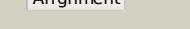
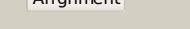


# Phyre<sup>2</sup>

|               |                             |
|---------------|-----------------------------|
| Email         | i.a.kelley@imperial.ac.uk   |
| Description   | P38489                      |
| Date          | Thu Jan 5 11:58:09 GMT 2012 |
| Unique Job ID | 20d2c6de8656d795            |

Detailed template information

| #  | Template                | Alignment Coverage  | 3D Model  | Confidence | % i.d. | Template Information   |
|----|-------------------------|---|---|------------|--------|--|
| 1  | <a href="#">d1ykia1</a> |    |    | 100.0      | 100    | <b>Fold:</b> FMN-dependent nitroreductase-like<br><b>Superfamily:</b> FMN-dependent nitroreductase-like<br><b>Family:</b> NADH oxidase/flavin reductase  |
| 2  | <a href="#">d1kqba_</a> |    |    | 100.0      | 88     | <b>Fold:</b> FMN-dependent nitroreductase-like<br><b>Superfamily:</b> FMN-dependent nitroreductase-like<br><b>Family:</b> NADH oxidase/flavin reductase  |
| 3  | <a href="#">d1vfra_</a> |    |    | 100.0      | 31     | <b>Fold:</b> FMN-dependent nitroreductase-like<br><b>Superfamily:</b> FMN-dependent nitroreductase-like<br><b>Family:</b> NADH oxidase/flavin reductase  |
| 4  | <a href="#">c3of4A_</a> |    |    | 100.0      | 22     | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> A: <b>PDB Molecule:</b> nitroreductase;<br><b>PDBTitle:</b> crystal structure of a fmn/fad- and nad(p)h-dependent nitroreductase2 (nfnb, i12077) from idiomarina loihiensis l2tr at 1.90 a resolution           |
| 5  | <a href="#">c3gbhC_</a> |  |  | 100.0      | 22     | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> C: <b>PDB Molecule:</b> nad(p)h-flavin oxidoreductase;<br><b>PDBTitle:</b> crystal structure of a putative nad(p)h:fmn oxidoreductase (se1966)2 from staphylococcus epidermidis atcc 12228 at 2.00 a resolution |
| 6  | <a href="#">c3ge6B_</a> |  |  | 100.0      | 23     | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> B: <b>PDB Molecule:</b> nitroreductase;<br><b>PDBTitle:</b> crystal structure of a putative nitroreductase in complex with fmn2 (exig_2970) from exiguobacterium sibiricum 255-15 at 1.85 a3 resolution         |
| 7  | <a href="#">c3bemA_</a> |  |  | 100.0      | 16     | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> A: <b>PDB Molecule:</b> putative nad(p)h nitroreductase ydfn;<br><b>PDBTitle:</b> crystal structure of putative nitroreductase ydfn (2632848) from2 bacillus subtilis at 1.65 a resolution                      |
| 8  | <a href="#">c3gr3B_</a> |  |  | 100.0      | 16     | <b>PDB header:</b> flavoprotein<br><b>Chain:</b> B: <b>PDB Molecule:</b> nitroreductase;<br><b>PDBTitle:</b> crystal structure of a nitroreductase-like family protein (pnba,2 bh06130) from bartonella henselae str. houston-1 at 1.45 a resolution               |
| 9  | <a href="#">c2hayD_</a> |  |  | 100.0      | 20     | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> D: <b>PDB Molecule:</b> putative nad(p)h-flavin oxidoreductase;<br><b>PDBTitle:</b> the crystal structure of the putative nad(p)h-flavin oxidoreductase2 from streptococcus pyogenes m1 gas                     |
| 10 | <a href="#">c3gagB_</a> |  |  | 100.0      | 19     | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> B: <b>PDB Molecule:</b> putative nadh dehydrogenase, nadph nitroreductase;<br><b>PDBTitle:</b> crystal structure of a nitroreductase-like protein (smu.346) from2 streptococcus mutans at 1.70 a resolution     |
| 11 | <a href="#">d1noxa_</a> |  |  | 100.0      | 24     | <b>Fold:</b> FMN-dependent nitroreductase-like<br><b>Superfamily:</b> FMN-dependent nitroreductase-like<br><b>Family:</b> NADH oxidase/flavin reductase  |

|    |                         |   |   |       |    |  |
|----|-------------------------|---|---|-------|----|--|
| 12 | <a href="#">c3n2sD_</a> |    |    | 100.0 | 21 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> D: <b>PDB Molecule:</b> nadph-dependent nitro/flavin reductase;<br><b>PDBTitle:</b> structure of nfra1 nitroreductase from b. subtilis  |
| 13 | <a href="#">d1zcha1</a> |    |    | 100.0 | 24 | <b>Fold:</b> FMN-dependent nitroreductase-like<br><b>Superfamily:</b> FMN-dependent nitroreductase-like<br><b>Family:</b> NADH oxidase/flavin reductase  |
| 14 | <a href="#">c2wzvB_</a> |    |    | 100.0 | 16 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> B: <b>PDB Molecule:</b> nfnb protein;<br><b>PDBTitle:</b> crystal structure of the fmn-dependent nitroreductase nfnb2 from mycobacterium smegmatis  |
| 15 | <a href="#">d1f5va_</a> |    |    | 100.0 | 23 | <b>Fold:</b> FMN-dependent nitroreductase-like<br><b>Superfamily:</b> FMN-dependent nitroreductase-like<br><b>Family:</b> NADH oxidase/flavin reductase  |
| 16 | <a href="#">d2b67a1</a> |    |    | 100.0 | 20 | <b>Fold:</b> FMN-dependent nitroreductase-like<br><b>Superfamily:</b> FMN-dependent nitroreductase-like<br><b>Family:</b> NADH oxidase/flavin reductase  |
| 17 | <a href="#">c3eofB_</a> |    |    | 100.0 | 20 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> B: <b>PDB Molecule:</b> putative oxidoreductase;<br><b>PDBTitle:</b> crystal structure of putative oxidoreductase (yp_213212.1) from2 bacteroides fragilis nctc 9343 at 1.99 a resolution     |
| 18 | <a href="#">d1bkja_</a> |  |  | 100.0 | 27 | <b>Fold:</b> FMN-dependent nitroreductase-like<br><b>Superfamily:</b> FMN-dependent nitroreductase-like<br><b>Family:</b> NADH oxidase/flavin reductase  |
| 19 | <a href="#">c3gh8A_</a> |  |  | 100.0 | 19 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> A: <b>PDB Molecule:</b> iodotyrosine dehalogenase 1;<br><b>PDBTitle:</b> crystal structure of mus musculus iodothyrosine deiodinase (iyd) bound2 to fmn and di-iodotyrosine (dit)             |
| 20 | <a href="#">d2ifaal</a> |  |  | 100.0 | 10 | <b>Fold:</b> FMN-dependent nitroreductase-like<br><b>Superfamily:</b> FMN-dependent nitroreductase-like<br><b>Family:</b> NADH oxidase/flavin reductase  |
| 21 | <a href="#">c2h0uA_</a> |  | not modelled  | 100.0 | 23 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> A: <b>PDB Molecule:</b> nadph-flavin oxidoreductase;<br><b>PDBTitle:</b> crystal structure of nad(p)h-flavin oxidoreductase from helicobacter2 pylori   |
| 22 | <a href="#">c2isLB_</a> |  | not modelled  | 100.0 | 15 | <b>PDB header:</b> flavoprotein<br><b>Chain:</b> B: <b>PDB Molecule:</b> blub;<br><b>PDBTitle:</b> blub bound to reduced flavin (fmnh2) and molecular oxygen.2 (clear crystal form)  |
| 23 | <a href="#">d1ywqa1</a> |  | not modelled  | 100.0 | 11 | <b>Fold:</b> FMN-dependent nitroreductase-like<br><b>Superfamily:</b> FMN-dependent nitroreductase-like<br><b>Family:</b> NADH oxidase/flavin reductase  |
| 24 | <a href="#">c3eo8A_</a> |  | not modelled  | 100.0 | 18 | <b>PDB header:</b> flavoprotein<br><b>Chain:</b> A: <b>PDB Molecule:</b> blub-like flavoprotein;<br><b>PDBTitle:</b> crystal structure of blub-like flavoprotein (yp_001089088.1) from2 clostridium difficile 630 at 1.74 a resolution           |
| 25 | <a href="#">d2frea1</a> |  | not modelled  | 100.0 | 17 | <b>Fold:</b> FMN-dependent nitroreductase-like<br><b>Superfamily:</b> FMN-dependent nitroreductase-like<br><b>Family:</b> NADH oxidase/flavin reductase  |
| 26 | <a href="#">c3k6hb_</a> |  | not modelled  | 100.0 | 17 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> B: <b>PDB Molecule:</b> nitroreductase family protein;<br><b>PDBTitle:</b> crystal structure of a nitroreductase family protein from2 agrobacterium tumefaciens str. c58                      |
| 27 | <a href="#">c3koqC_</a> |  | not modelled  | 100.0 | 22 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> C: <b>PDB Molecule:</b> nitroreductase family protein;<br><b>PDBTitle:</b> crystal structure of a nitroreductase family protein (cd3355) from2 clostridium difficile 630 at 1.58 a resolution |
| 28 | <a href="#">c2wqfA_</a> |  | not modelled  | 100.0 | 14 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> A: <b>PDB Molecule:</b> copper induced nitroreductase d;<br><b>PDBTitle:</b> crystal structure of the nitroreductase cind from2 lactococcus lactis in complex with fmn                        |

|    |                         |           |              |       |    |   |
|----|-------------------------|-----------|--------------|-------|----|---|
| 29 | <a href="#">c3ge5A_</a> | Alignment | not modelled | 100.0 | 20 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> A: <b>PDB Molecule:</b> putative nad(p)h:fmn oxidoreductase;<br><b>PDBTitle:</b> crystal structure of a putative nad(p)h:fmn oxidoreductase (pg0310)2 from porphyromonas gingivalis w83 at 1.70 a resolution   |
| 30 | <a href="#">c2i7hE_</a> | Alignment | not modelled | 100.0 | 19 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> E: <b>PDB Molecule:</b> nitroreductase-like family protein;<br><b>PDBTitle:</b> crystal structure of the nitroreductase-like family protein from2 bacillus cereus  |
| 31 | <a href="#">c2r01A_</a> | Alignment | not modelled | 100.0 | 20 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> A: <b>PDB Molecule:</b> nitroreductase family protein;<br><b>PDBTitle:</b> crystal structure of a putative fmn-dependent nitroreductase (ct0345)2 from chlorobium tepidum tis at 1.15 a resolution   |
| 32 | <a href="#">c3gfaB_</a> | Alignment | not modelled | 100.0 | 17 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> B: <b>PDB Molecule:</b> putative nitroreductase;<br><b>PDBTitle:</b> crystal structure of a putative nitroreductase in complex with fmn2 (cd3205) from clostridium difficile 630 at 1.35 a resolution  |
| 33 | <a href="#">c3g14B_</a> | Alignment | not modelled | 100.0 | 19 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> B: <b>PDB Molecule:</b> nitroreductase family protein;<br><b>PDBTitle:</b> crystal structure of nitroreductase family protein (yp_877874.1) from2 clostridium novyi nt at 1.75 a resolution  |
| 34 | <a href="#">c3ek3A_</a> | Alignment | not modelled | 100.0 | 17 | <b>PDB header:</b> flavoprotein<br><b>Chain:</b> A: <b>PDB Molecule:</b> nitroreductase;<br><b>PDBTitle:</b> crystal structure of nitroreductase with bound fmn (yp_211706.1) from2 bacteroides fragilis nctc 9343 at 1.70 a resolution   |
| 35 | <a href="#">c3pxvD_</a> | Alignment | not modelled | 100.0 | 21 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> D: <b>PDB Molecule:</b> nitroreductase;<br><b>PDBTitle:</b> crystal structure of a nitroreductase with bound fmn (dhaf_2018) from2 desulfitobacterium hafniense dcb-2 at 2.30 a resolution   |
| 36 | <a href="#">c3m5kA_</a> | Alignment | not modelled | 100.0 | 22 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> A: <b>PDB Molecule:</b> putative nadh dehydrogenase/nad(p)h nitroreductase;<br><b>PDBTitle:</b> crystal structure of putative nadh dehydrogenase/nad(p)h2 nitroreductase (bdi_1728) from parabacteroides distasonis atcc 85033 at 1.86 a resolution    |
| 37 | <a href="#">c3e39A_</a> | Alignment | not modelled | 100.0 | 21 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> A: <b>PDB Molecule:</b> putative nitroreductase;<br><b>PDBTitle:</b> crystal structure of a putative nitroreductase in complex with fmn2 (dde_0787) from desulfovibrio desulfuricans subsp. at 1.70 a3 resolution                                      |
| 38 | <a href="#">c3kwkA_</a> | Alignment | not modelled | 100.0 | 21 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> A: <b>PDB Molecule:</b> putative nadh dehydrogenase/nad(p)h nitroreductase;<br><b>PDBTitle:</b> crystal structure of putative nadh dehydrogenase/nad(p)h2 nitroreductase (np_809094.1) from bacteroides thetaiotomron vpi-3 5482 at 1.54 a resolution  |
| 39 | <a href="#">c3e10B_</a> | Alignment | not modelled | 100.0 | 24 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> B: <b>PDB Molecule:</b> putative nadh oxidase;<br><b>PDBTitle:</b> crystal structure of putative nadh oxidase (np_348178.1)2 from clostridium acetobutylicum at 1.40 a resolution  |
| 40 | <a href="#">c3hoiA_</a> | Alignment | not modelled | 100.0 | 22 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> A: <b>PDB Molecule:</b> fmn-dependent nitroreductase bf3017;<br><b>PDBTitle:</b> crystal structure of fmn-dependent nitroreductase bf3017 from2 bacteroides fragilis nctc 9343 (yp_212631.1) from bacteroides3 fragilis nctc 9343 at 1.55 a resolution |
| 41 | <a href="#">c3hj9A_</a> | Alignment | not modelled | 100.0 | 19 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> A: <b>PDB Molecule:</b> oxidoreductase;<br><b>PDBTitle:</b> crystal structure of a putative nitroreductase (reut_a1228) from2 ralstonia eutropha jmp134 at 2.00 a resolution   |
| 42 | <a href="#">c3bm2B_</a> | Alignment | not modelled | 100.0 | 16 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> B: <b>PDB Molecule:</b> protein ydja;<br><b>PDBTitle:</b> crystal structure of a minimal nitroreductase ydja from escherichia2 coli k12 with and without fmn cofactor  |
| 43 | <a href="#">c3eo7A_</a> | Alignment | not modelled | 99.9  | 19 | <b>PDB header:</b> flavoprotein<br><b>Chain:</b> A: <b>PDB Molecule:</b> putative nitroreductase;<br><b>PDBTitle:</b> crystal structure of a putative nitroreductase (ava_2154) from2 anabaena variabilis atcc 29413 at 1.80 a resolution   |
| 44 | <a href="#">d1vkwa_</a> | Alignment | not modelled | 99.8  | 19 | <b>Fold:</b> FMN-dependent nitroreductase-like<br><b>Superfamily:</b> FMN-dependent nitroreductase-like<br><b>Family:</b> Putative nitroreductase TM1586  |
| 45 | <a href="#">d2oc6a1</a> | Alignment | not modelled | 39.6  | 4  | <b>Fold:</b> Secretion chaperone-like<br><b>Superfamily:</b> YdhG-like<br><b>Family:</b> YdhG-like  |
| 46 | <a href="#">c3nr7A_</a> | Alignment | not modelled | 35.3  | 17 | <b>PDB header:</b> dna binding protein<br><b>Chain:</b> A: <b>PDB Molecule:</b> dna-binding protein h-ns;<br><b>PDBTitle:</b> crystal structure of s. typhimurium h-ns 1-83   |
| 47 | <a href="#">d1oeyj_</a> | Alignment | not modelled | 31.8  | 21 | <b>Fold:</b> beta-Grasp (ubiquitin-like)<br><b>Superfamily:</b> CAD & PB1 domains<br><b>Family:</b> PB1 domain  |
| 48 | <a href="#">d2i8da1</a> | Alignment | not modelled | 27.7  | 11 | <b>Fold:</b> Secretion chaperone-like<br><b>Superfamily:</b> YdhG-like<br><b>Family:</b> YdhG-like  |
| 49 | <a href="#">d1ov9a_</a> | Alignment | not modelled | 24.9  | 34 | <b>Fold:</b> H-NS histone-like proteins<br><b>Superfamily:</b> H-NS histone-like proteins<br><b>Family:</b> H-NS histone-like proteins  |
| 50 | <a href="#">c3gyxJ_</a> | Alignment | not modelled | 21.5  | 12 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> J: <b>PDB Molecule:</b> adenylylsulfate reductase;<br><b>PDBTitle:</b> crystal structure of adenylylsulfate reductase from2 desulfovibrio gigas  |
| 51 | <a href="#">c2p1nD_</a> | Alignment | not modelled | 18.8  | 19 | <b>PDB header:</b> signaling protein<br><b>Chain:</b> D: <b>PDB Molecule:</b> skp1-like protein 1a;<br><b>PDBTitle:</b> mechanism of auxin perception by the tir1 ubiquitin ligase  |
|    |                         |           |              |       |    | <b>Fold:</b> Skp1 dimerisation domain-like  |

|    |                         |           |              |      |    |  |
|----|-------------------------|-----------|--------------|------|----|--|
| 52 | <a href="#">d2ovra1</a> | Alignment | not modelled | 17.7 | 25 | <b>Superfamily:</b> Skp1 dimerisation domain-like<br><b>Family:</b> Skp1 dimerisation domain-like  |
| 53 | <a href="#">c1nexC_</a> | Alignment | not modelled | 17.4 | 22 | <b>PDB header:</b> ligase, cell cycle<br><b>Chain:</b> C: <b>PDB Molecule:</b> centromere dna-binding protein complex cbf3<br><b>PDBTitle:</b> crystal structure of scskp1-sccdc4-cpd peptide complex  |
| 54 | <a href="#">c3k4iC_</a> | Alignment | not modelled | 16.5 | 14 | <b>PDB header:</b> structural genomics, unknown function<br><b>Chain:</b> C: <b>PDB Molecule:</b> uncharacterized protein;<br><b>PDBTitle:</b> crystal structure of uncharacterized protein pspt_3204 from2 pseudomonas syringae pv. tomato str. dc3000                  |
| 55 | <a href="#">c1sm7A_</a> | Alignment | not modelled | 15.4 | 19 | <b>PDB header:</b> plant protein<br><b>Chain:</b> A: <b>PDB Molecule:</b> recombinant ib pronapin;<br><b>PDBTitle:</b> solution structure of the recombinant pronapin precursor, 2 bnib.   |
| 56 | <a href="#">c1pnB_</a>  | Alignment | not modelled | 14.7 | 23 | <b>PDB header:</b> seed storage protein<br><b>Chain:</b> B: <b>PDB Molecule:</b> napin bnib;<br><b>PDBTitle:</b> structure of napin bnib, nmr, 10 structures   |
| 57 | <a href="#">c2ovqA_</a> | Alignment | not modelled | 14.3 | 25 | <b>PDB header:</b> transcription/cell cycle<br><b>Chain:</b> A: <b>PDB Molecule:</b> s-phase kinase-associated protein 1a;<br><b>PDBTitle:</b> structure of the skp1-fbw7-cyclinedgc complex   |
| 58 | <a href="#">c2ds2B_</a> | Alignment | not modelled | 12.0 | 18 | <b>PDB header:</b> plant protein<br><b>Chain:</b> B: <b>PDB Molecule:</b> sweet protein mabinlin-2 chain b;<br><b>PDBTitle:</b> crystal structure of mabinlin ii   |
| 59 | <a href="#">d1vlia1</a> | Alignment | not modelled | 11.4 | 4  | <b>Fold:</b> beta-clip<br><b>Superfamily:</b> AFP III-like domain<br><b>Family:</b> AFP III-like domain  |
| 60 | <a href="#">d1ni8a_</a> | Alignment | not modelled | 10.9 | 17 | <b>Fold:</b> H-NS histone-like proteins<br><b>Superfamily:</b> H-NS histone-like proteins<br><b>Family:</b> H-NS histone-like proteins   |
| 61 | <a href="#">c3nznA_</a> | Alignment | not modelled | 10.7 | 26 | <b>PDB header:</b> oxidoreductase<br><b>Chain:</b> A: <b>PDB Molecule:</b> glutaredoxin;<br><b>PDBTitle:</b> the crystal structure of the glutaredoxin from methanosaerina mazei2 go1  |
| 62 | <a href="#">d1vi4a_</a> | Alignment | not modelled | 10.3 | 19 | <b>Fold:</b> The "swivelling" beta/beta/alpha domain<br><b>Superfamily:</b> RraA-like<br><b>Family:</b> RraA-like  |
| 63 | <a href="#">d1fs2b1</a> | Alignment | not modelled | 9.9  | 22 | <b>Fold:</b> Skp1 dimerisation domain-like<br><b>Superfamily:</b> Skp1 dimerisation domain-like<br><b>Family:</b> Skp1 dimerisation domain-like  |
| 64 | <a href="#">c1jsuC_</a> | Alignment | not modelled | 9.6  | 9  | <b>PDB header:</b> complex (transferase/cyclin/inhibitor)<br><b>Chain:</b> C: <b>PDB Molecule:</b> p27;<br><b>PDBTitle:</b> p27(kip1)/cyclin a/cdk2 complex  |
| 65 | <a href="#">d2axpa1</a> | Alignment | not modelled | 9.6  | 17 | <b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases<br><b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases<br><b>Family:</b> Nucleotide and nucleoside kinases  |
| 66 | <a href="#">c3pywA_</a> | Alignment | not modelled | 9.0  | 23 | <b>PDB header:</b> structural protein<br><b>Chain:</b> A: <b>PDB Molecule:</b> s-layer protein sap;<br><b>PDBTitle:</b> the structure of the slh domain from b. anthracis surface array2 protein at 1.8a   |
| 67 | <a href="#">c3dnjB_</a> | Alignment | not modelled | 7.8  | 15 | <b>PDB header:</b> peptide binding protein<br><b>Chain:</b> B: <b>PDB Molecule:</b> atp-dependent clp protease adapter protein clps;<br><b>PDBTitle:</b> the structure of the caulobacter crescentus clps protease2 adaptor protein in complex with a n-end rule peptide |
| 68 | <a href="#">c3fafA_</a> | Alignment | not modelled | 7.5  | 18 | <b>PDB header:</b> structural protein<br><b>Chain:</b> A: <b>PDB Molecule:</b> putative uncharacterized protein;<br><b>PDBTitle:</b> structure of the structural protein p131 of the archaeal virus2 acidianus two-tailed virus (atv)                                    |
| 69 | <a href="#">c3c8oB_</a> | Alignment | not modelled | 7.2  | 16 | <b>PDB header:</b> hydrolase regulator<br><b>Chain:</b> B: <b>PDB Molecule:</b> regulator of ribonuclease activity a;<br><b>PDBTitle:</b> the crystal structure of rraa from pa01  |
| 70 | <a href="#">d1gefa_</a> | Alignment | not modelled | 7.2  | 13 | <b>Fold:</b> Restriction endonuclease-like<br><b>Superfamily:</b> Restriction endonuclease-like<br><b>Family:</b> Hjc-like   |
| 71 | <a href="#">d1lr1a_</a> | Alignment | not modelled | 6.9  | 17 | <b>Fold:</b> H-NS histone-like proteins<br><b>Superfamily:</b> H-NS histone-like proteins<br><b>Family:</b> H-NS histone-like proteins   |
| 72 | <a href="#">d2p5zx2</a> | Alignment | not modelled | 6.9  | 8  | <b>Fold:</b> Phage tail proteins<br><b>Superfamily:</b> Phage tail proteins<br><b>Family:</b> Baseplate protein-like   |
| 73 | <a href="#">d1j3la_</a> | Alignment | not modelled | 6.7  | 22 | <b>Fold:</b> The "swivelling" beta/beta/alpha domain<br><b>Superfamily:</b> RraA-like<br><b>Family:</b> RraA-like  |
| 74 | <a href="#">c2qh9B_</a> | Alignment | not modelled | 6.1  | 24 | <b>PDB header:</b> structural genomics, unknown function<br><b>Chain:</b> B: <b>PDB Molecule:</b> upf0215 protein af_1433;<br><b>PDBTitle:</b> the crystal structure of a protein of unknown function from2 archaeoglobus fulgidus dsm 4304                              |
| 75 | <a href="#">c2f9jP_</a> | Alignment | not modelled | 5.9  | 15 | <b>PDB header:</b> rna binding protein<br><b>Chain:</b> P: <b>PDB Molecule:</b> splicing factor 3b subunit 1;<br><b>PDBTitle:</b> 3.0 angstrom resolution structure of a y22m mutant of the spliceosomal2 protein p14 bound to a region of sf3b155                       |
| 76 | <a href="#">d2fsqa1</a> | Alignment | not modelled | 5.6  | 13 | <b>Fold:</b> LigT-like<br><b>Superfamily:</b> LigT-like<br><b>Family:</b> Atu0111-like   |
| 77 | <a href="#">d1cr6a1</a> | Alignment | not modelled | 5.6  | 15 | <b>Fold:</b> HAD-like<br><b>Superfamily:</b> HAD-like<br><b>Family:</b> YihX-like  |
| 78 | <a href="#">d1psyA_</a> | Alignment | not modelled | 5.3  | 13 | <b>Fold:</b> Bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin<br><b>Superfamily:</b> Bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin  |

|    |                         |  |           |              |     |    |   |
|----|-------------------------|--|-----------|--------------|-----|----|---|
| 79 | <a href="#">d1vbga1</a> |  | Alignment | not modelled | 5.1 | 13 | <b>Family:</b> Seed storage protein, 2S albumin<br><b>Fold:</b> TIM beta/alpha-barrel<br><b>Superfamily:</b> Phosphoenolpyruvate/pyruvate domain<br><b>Family:</b> Pyruvate phosphate dikinase, C-terminal domain |
|----|-------------------------|--|-----------|--------------|-----|----|---|