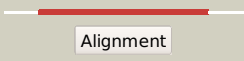

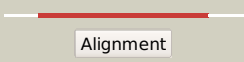

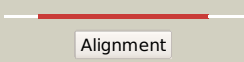

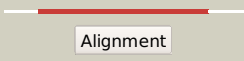

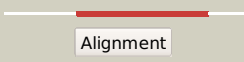

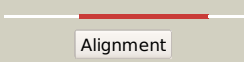

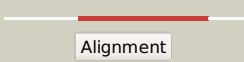

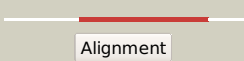

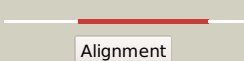

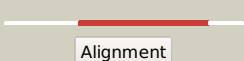

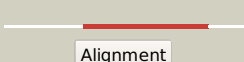












Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0385 (-)_462136_463308
Date	Tue Jul 23 14:50:45 BST 2019
Unique Job ID	d030acab1c2ba0a9

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1gvhA_	 Alignment		100.0	19	PDB header: oxidoreductase Chain: A; PDB Molecule: flavoheomprotein; PDBTitle: the x-ray structure of ferric escherichia coli2 flavoheomoglobin reveals an unsuspected geometry of the3 distal heme pocket
2	c4g1bB_	 Alignment		100.0	18	PDB header: oxidoreductase Chain: B; PDB Molecule: flavoheomoglobin; PDBTitle: x-ray structure of yeast flavoheomoglobin in complex with econazole
3	c6o0aA_	 Alignment		100.0	15	PDB header: oxidoreductase Chain: A; PDB Molecule: flavoheomoglobin; PDBTitle: crystal structure of flavoheomoglobin from malassezia yamatoensis with2 bound fad and heme determined by iron sad phasing
4	c1cqxB_	 Alignment		100.0	19	PDB header: lipid binding protein Chain: B; PDB Molecule: flavoheomprotein; PDBTitle: crystal structure of the flavoheomoglobin from alcaligenes eutrophus at2 1.75 a resolution
5	c4p6vF_	 Alignment		100.0	21	PDB header: oxidoreductase Chain: F; PDB Molecule: na(+)-translocating nadh-quinone reductase subunit f; PDBTitle: crystal structure of the na+-translocating nadh: ubiquinone2 oxidoreductase from vibrio cholerae
6	c1krhA_	 Alignment		100.0	28	PDB header: oxidoreductase Chain: A; PDB Molecule: benzoate 1,2-dioxygenase reductase; PDBTitle: x-ray structure of benzoate dioxygenase reductase
7	c5oqxA_	 Alignment		100.0	32	PDB header: oxidoreductase Chain: A; PDB Molecule: cytochrome p450 reductase; PDBTitle: crystal structure of amycolatopsis cytochrome p450 reductase gcob.
8	c6mv2A_	 Alignment		100.0	18	PDB header: oxidoreductase Chain: A; PDB Molecule: cytochrome b5 reductase 4; PDBTitle: 2.05a resolution structure of the cs-b5r domains of human ncb5or2 (nadh+ form)
9	c4wqmA_	 Alignment		100.0	27	PDB header: oxidoreductase Chain: A; PDB Molecule: toluene-4-monooxygenase electron transfer component; PDBTitle: structure of the toluene 4-monooxygenase nadh oxidoreductase t4mof,2 k270s k271s variant
10	c2r6hC_	 Alignment		100.0	23	PDB header: oxidoreductase Chain: C; PDB Molecule: nadh:ubiquinone oxidoreductase, na translocating, f PDBTitle: crystal structure of the domain comprising the nad binding and the fad2 binding regions of the nadh:ubiquinone oxidoreductase, na3 translocating, f subunit from porphyromonas gingivalis
11	c4u9uB_	 Alignment		100.0	23	PDB header: oxidoreductase Chain: B; PDB Molecule: na(+)-translocating nadh-quinone reductase subunit f; PDBTitle: crystal structure of nqr fad-binding domain from vibrio cholerae

12	c2ok8D	Alignment		100.0	15 PDB header: oxidoreductase Chain: D: PDB Molecule: putative ferredoxin--nadp reductase; PDBTitle: ferredoxin-nadp+ reductase from plasmodium falciparum
13	c5tr9A	Alignment		100.0	16 PDB header: oxidoreductase Chain: A: PDB Molecule: ferredoxin-nadp reductase; PDBTitle: crystal structure of a ferredoxin nadp+ reductase from neisseria2 gonorrhoeae with bound fad
14	c4eh1A	Alignment		100.0	21 PDB header: oxidoreductase Chain: A: PDB Molecule: flavoheomprotein; PDBTitle: crystal structure of the flavohem-like-fad/nad binding domain of2 nitric oxide dioxygenase from vibrio cholerae o1 biovar el tor
15	c3fpkB	Alignment		100.0	21 PDB header: flavoprotein, oxidoreductase Chain: B: PDB Molecule: ferredoxin-nadp reductase; PDBTitle: crystal structure of ferredoxin-nadp reductase from salmonella2 typhimurium
16	c1a8pA	Alignment		100.0	21 PDB header: oxidoreductase Chain: A: PDB Molecule: nadph\;ferredoxin oxidoreductase; PDBTitle: ferredoxin reductase from azotobacter vinelandii
17	c5ylyB	Alignment		100.0	18 PDB header: flavoprotein Chain: B: PDB Molecule: nitrate reductase; PDBTitle: crystal structure of the cytochrome b5 reductase domain of ulva2 prolifera nitrate reductase
18	c1qgyA	Alignment		100.0	23 PDB header: oxidoreductase Chain: A: PDB Molecule: ferredoxin--nadp+ reductase; PDBTitle: ferredoxin:nadp+ reductase mutant with lys 75 replaced by glu (k75e)
19	c1fncA	Alignment		100.0	16 PDB header: oxidoreductase (nadp+(a),ferredoxin(a)) Chain: A: PDB Molecule: ferredoxin-nadp+ reductase; PDBTitle: refined crystal structure of spinach ferredoxin reductase2 at 1.7 angstroms resolution: oxidized, reduced, and 2'-3 phospho-5'-amp bound states
20	c1tvcA	Alignment		100.0	25 PDB header: oxidoreductase Chain: A: PDB Molecule: methane monooxygenase component c; PDBTitle: fad and nadh binding domain of methane monooxygenase2 reductase from methylococcus capsulatus (bath)
21	c2eixA	Alignment	not modelled	100.0	20 PDB header: oxidoreductase Chain: A: PDB Molecule: nadh-cytochrome b5 reductase; PDBTitle: the structure of physarum polycephalum cytochrome b5 reductase
22	c2bgjB	Alignment	not modelled	100.0	18 PDB header: oxidoreductase Chain: B: PDB Molecule: ferredoxin-nadp(h) reductase; PDBTitle: x-ray structure of the ferredoxin-nadp(h) reductase from rhodobacter2 capsulatus at 2.1 angstroms
23	c1jb9A	Alignment	not modelled	100.0	21 PDB header: oxidoreductase Chain: A: PDB Molecule: ferredoxin-nadp reductase; PDBTitle: crystal structure of the ferredoxin:nadp+ reductase from maize root at2 1.7 angstroms
24	c5o0xA	Alignment	not modelled	100.0	13 PDB header: oxidoreductase Chain: A: PDB Molecule: putative ferric reductase; PDBTitle: crystal structure of dehydrogenase domain of cylindrospermum stagnale2 nadph-oxidase 5 (nox5)
25	c1qfjD	Alignment	not modelled	100.0	23 PDB header: oxidoreductase Chain: D: PDB Molecule: protein (flavin reductase); PDBTitle: crystal structure of nad(p)h:flavin oxidoreductase from escherichia2 coli
26	c4b4dA	Alignment	not modelled	100.0	19 PDB header: oxidoreductase Chain: A: PDB Molecule: ferredoxin-nadp reductase; PDBTitle: crystal structure of fad-containing ferredoxin-nadp reductase from2 xanthomonas axonopodis pv. citri
27	c5thxA	Alignment	not modelled	100.0	18 PDB header: oxidoreductase Chain: A: PDB Molecule: ferredoxin--nadp reductase; PDBTitle: crystal structure of a ferredoxin nadp+ reductase from neisseria2 gonorrhoeae with bound nadp and fad
28	c2rc5D	Alignment	not modelled	100.0	21 PDB header: oxidoreductase Chain: D: PDB Molecule: ferredoxin-nadp reductase; PDBTitle: refined structure of fnr from leptospira interrogans

29	c2b5oA_	Alignment	not modelled	100.0	21	PDB header: oxidoreductase Chain: A: PDB Molecule: ferredoxin--nadh reductase; PDBTitle: ferredoxin-nadh reductase
30	c1umkA_	Alignment	not modelled	100.0	21	PDB header: oxidoreductase Chain: A: PDB Molecule: nadh-cytochrome b5 reductase; PDBTitle: the structure of human erythrocyte nadh-cytochrome b52 reductase
31	c2piaA_	Alignment	not modelled	100.0	16	PDB header: reductase Chain: A: PDB Molecule: phthalate dioxygenase reductase; PDBTitle: phthalate dioxygenase reductase: a modular structure for electron2 transfer from pyridine nucleotides to [2fe-2s]
32	c4f7dA_	Alignment	not modelled	100.0	18	PDB header: oxidoreductase Chain: A: PDB Molecule: ferredoxin--nadh reductase; PDBTitle: crystal structure of ferredoxin-nadh reductase from burkholderia2 thailandensis e264
33	c1cneA_	Alignment	not modelled	100.0	19	PDB header: oxidoreductase Chain: A: PDB Molecule: nitrate reductase; PDBTitle: structural studies on corn nitrate reductase: refined2 structure of the cytochrome b reductase fragment at 2.53 angstroms, its adp complex and an active site mutant and4 modeling of the cytochrome b domain
34	c6gehA_	Alignment	not modelled	100.0	20	PDB header: metal transport Chain: A: PDB Molecule: fad-binding 9, siderophore-interacting domain protein; PDBTitle: structure and reactivity of a siderophore-interacting protein from the2 marine bacterium shewanella reveals unanticipated functional3 versatility.
35	c4yhba_	Alignment	not modelled	100.0	19	PDB header: oxidoreductase Chain: A: PDB Molecule: iron-chelator utilization protein; PDBTitle: crystal structure of a siderophore utilization protein from t. fusca
36	c5jcaS_	Alignment	not modelled	100.0	18	PDB header: oxidoreductase Chain: S: PDB Molecule: nadh-dependent ferredoxin:nadh oxidoreductase (nfni) PDBTitle: nadp(h) bound nadh-dependent ferredoxin:nadh oxidoreductase (nfni)2 from pyrococcus furiosus
37	c1ep3B_	Alignment	not modelled	100.0	15	PDB header: oxidoreductase Chain: B: PDB Molecule: dihydroorotate dehydrogenase b (pyrk subunit); PDBTitle: crystal structure of lactococcus lactis dihydroorotate dehydrogenase2 b. data collected under cryogenic conditions.
38	c6k2IA_	Alignment	not modelled	100.0	18	PDB header: flavoprotein Chain: A: PDB Molecule: siderophore-interacting protein; PDBTitle: crystal structure of the siderophore-interacting protein sips from2 aeromonas hydrophila
39	c2gpiA_	Alignment	not modelled	100.0	16	PDB header: fad-binding protein Chain: A: PDB Molecule: siderophore-interacting protein; PDBTitle: crystal structure of a siderophore-interacting protein (sputcn32_0076)2 from shewanella putrefaciens cn-32 at 2.20 a resolution
40	c4yifA_	Alignment	not modelled	100.0	18	PDB header: oxidoreductase Chain: A: PDB Molecule: dihydroorotate dehydrogenase b (nad(+)), electron transfer PDBTitle: insights into flavin-based electron bifurcation via the nadh-dependent2 reduced ferredoxin-nadh oxidoreductase structure
41	c5vj7B_	Alignment	not modelled	100.0	13	PDB header: oxidoreductase Chain: B: PDB Molecule: ferredoxin-nadh(+) reductase subunit alpha; PDBTitle: ferredoxin nadp oxidoreductase (xfn)
42	c6efvA_	Alignment	not modelled	99.9	17	PDB header: flavoprotein Chain: A: PDB Molecule: sulfite reductase [nadph] flavoprotein alpha-component; PDBTitle: the nadph-dependent sulfite reductase flavoprotein adopts an extended2 conformation that is unique to this diflavin reductase
43	c1ddiA_	Alignment	not modelled	99.9	21	PDB header: oxidoreductase Chain: A: PDB Molecule: sulfite reductase [nadph] flavoprotein alpha-component; PDBTitle: crystal structure of sir-fp60
44	c5gxuA_	Alignment	not modelled	99.9	16	PDB header: oxidoreductase Chain: A: PDB Molecule: nadh--cytochrome p450 reductase 2; PDBTitle: cystal structure of arabidopsis atr2
45	c1f20A_	Alignment	not modelled	99.9	17	PDB header: oxidoreductase Chain: A: PDB Molecule: nitric-oxide synthase; PDBTitle: crystal structure of rat neuronal nitric-oxide synthase fad/nadp+2 domain at 1.9a resolution.
46	c4dqkA_	Alignment	not modelled	99.9	25	PDB header: oxidoreductase Chain: A: PDB Molecule: bifunctional p-450/nadph-p450 reductase; PDBTitle: crystal structure of the fad binding domain of cytochrome p450 bm3
47	c1tlla_	Alignment	not modelled	99.9	18	PDB header: oxidoreductase Chain: A: PDB Molecule: nitric-oxide synthase, brain; PDBTitle: crystal structure of rat neuronal nitric-oxide synthase2 reductase module at 2.3 a resolution.
48	c1j9zB_	Alignment	not modelled	99.9	20	PDB header: oxidoreductase Chain: B: PDB Molecule: nadh-cytochrome p450 reductase; PDBTitle: cypor-w677g
49	c3qftA_	Alignment	not modelled	99.9	20	PDB header: oxidoreductase Chain: A: PDB Molecule: nadh--cytochrome p450 reductase; PDBTitle: crystal structure of nadph-cytochrome p450 reductase (fad/nadph domain2 and r457h mutant)
50	c2qtzA_	Alignment	not modelled	99.9	16	PDB header: oxidoreductase Chain: A: PDB Molecule: methionine synthase reductase; PDBTitle: crystal structure of the nadp+-bound fad-containing fnr-like module of2 human methionine synthase reductase
51	d1cqxa1	Alignment	not modelled	99.9	17	Fold: Globin-like Superfamily: Globin-like Family: Globins
52	d1gvha3	Alignment	not modelled	99.9	16	Fold: Ferredoxin reductase-like, C-terminal NADP-linked domain Superfamily: Ferredoxin reductase-like, C-terminal NADP-linked domain

						Family: Flavo-hemoglobin, C-terminal domain
53	d1qfja2	Alignment	not modelled	99.9	24	Fold: Ferredoxin reductase-like, C-terminal NADP-linked domain Superfamily: Ferredoxin reductase-like, C-terminal NADP-linked domain Family: Reductases
54	c2bpoA	Alignment	not modelled	99.9	19	PDB header: reductase Chain: A: PDB Molecule: nadph-cytochrom p450 reductase; PDBTitle: crystal structure of the yeast cpr triple mutant: d74g, y75f, k78a.
55	d1gvha1	Alignment	not modelled	99.9	17	Fold: Globin-like Superfamily: Globin-like Family: Globins
56	c3s1jC	Alignment	not modelled	99.9	22	PDB header: oxygen transport, oxygen storage Chain: C: PDB Molecule: hemoglobin-like flavoprotein; PDBTitle: crystal structure of acetate-bound hell's gate globin i
57	d1tvca2	Alignment	not modelled	99.9	22	Fold: Ferredoxin reductase-like, C-terminal NADP-linked domain Superfamily: Ferredoxin reductase-like, C-terminal NADP-linked domain Family: Aromatic dioxygenase reductase-like
58	d1cqxa3	Alignment	not modelled	99.8	16	Fold: Ferredoxin reductase-like, C-terminal NADP-linked domain Superfamily: Ferredoxin reductase-like, C-terminal NADP-linked domain Family: Flavo-hemoglobin, C-terminal domain
59	c1o1nA	Alignment	not modelled	99.8	18	PDB header: oxygen storage/transport Chain: A: PDB Molecule: hemoglobin alpha chain; PDBTitle: deoxy hemoglobin (a-glyglygly-c:v1m,l29w; b,d:v1m)
60	c3wfwA	Alignment	not modelled	99.8	26	PDB header: oxygen transport Chain: A: PDB Molecule: hemoglobin-like flavoprotein fused to roadblock/lc7 domain; PDBTitle: crystal structure of the closed form of the hgbri's globin domain
61	d1vhba	Alignment	not modelled	99.8	18	Fold: Globin-like Superfamily: Globin-like Family: Globins
62	d1krha2	Alignment	not modelled	99.8	24	Fold: Ferredoxin reductase-like, C-terminal NADP-linked domain Superfamily: Ferredoxin reductase-like, C-terminal NADP-linked domain Family: Aromatic dioxygenase reductase-like
63	c4bjaA	Alignment	not modelled	99.8	15	PDB header: transport protein Chain: A: PDB Molecule: protein glb-12; PDBTitle: globin-like protein glb-12 from c.elegans
64	c6j7aB	Alignment	not modelled	99.8	17	PDB header: oxidoreductase Chain: B: PDB Molecule: heme oxygenase 1,nadph--cytochrome p450 reductase; PDBTitle: fusion protein of heme oxygenase-1 and nadph cytochrome p450 reductase2 (17aa)
65	c2wy4A	Alignment	not modelled	99.8	18	PDB header: oxygen transport Chain: A: PDB Molecule: single domain haemoglobin; PDBTitle: structure of bacterial globin from campylobacter jejuni at2 1.35 a resolution
66	c2c0kB	Alignment	not modelled	99.8	11	PDB header: oxygen transport Chain: B: PDB Molecule: hemoglobin; PDBTitle: the structure of hemoglobin from the botfly gasterophilus2 intestinalis
67	c3pt8B	Alignment	not modelled	99.8	19	PDB header: oxygen transport Chain: B: PDB Molecule: hemoglobin iii; PDBTitle: structure of hbii-iii-cn from lucina pectinata at ph 5.0
68	d1scta	Alignment	not modelled	99.8	12	Fold: Globin-like Superfamily: Globin-like Family: Globins
69	d1hbga	Alignment	not modelled	99.8	15	Fold: Globin-like Superfamily: Globin-like Family: Globins
70	d1sctb	Alignment	not modelled	99.8	14	Fold: Globin-like Superfamily: Globin-like Family: Globins
71	d1mbaa	Alignment	not modelled	99.8	17	Fold: Globin-like Superfamily: Globin-like Family: Globins
72	c1yhuJ	Alignment	not modelled	99.8	22	PDB header: oxygen storage/transport Chain: J: PDB Molecule: giant hemoglobins b chain; PDBTitle: crystal structure of riftia pachyptila c1 hemoglobin reveals novel2 assembly of 24 subunits.
73	d1q1fa	Alignment	not modelled	99.8	24	Fold: Globin-like Superfamily: Globin-like Family: Globins
74	c1ut0A	Alignment	not modelled	99.8	17	PDB header: oxygen transport Chain: A: PDB Molecule: cytoglobin; PDBTitle: crystal structure of cytoglobin: the fourth globin type2 discovered in man displays heme hexa-coordination
75	d1urva	Alignment	not modelled	99.8	17	Fold: Globin-like Superfamily: Globin-like Family: Globins
76	c4b4yA	Alignment	not modelled	99.8	16	PDB header: transport protein Chain: A: PDB Molecule: neuroglobin; PDBTitle: crystal structure of the neuroglobin from the photosymbiotic2 marine acoel symsagittifera roscoffensis
77	d2gdma	Alignment	not modelled	99.8	18	Fold: Globin-like Superfamily: Globin-like Family: Globins
78	c3wcta	Alignment	not modelled	99.8	19	PDB header: oxygen transport Chain: A: PDB Molecule: a1 globin chain of giant v2 hemoglobin; PDBTitle: the structure of a deoxygenated 400 kda hemoglobin provides a more2 accurate description of the cooperative

						mechanism of giant3 hemoglobins: oxygenated form
79	d1oj6a_	Alignment	not modelled	99.8	27	Fold: Globin-like Superfamily: Globin-like Family: Globins
80	c3mkbD_	Alignment	not modelled	99.8	14	PDB header: oxygen storage, oxygen transport Chain: D: PDB Molecule: hemoglobin subunit beta; PDBTitle: crystal structure determination of shortfin mako (isurus oxyrinchus)2 hemoglobin at 1.9 angstrom resolution
81	d3d1ka1	Alignment	not modelled	99.8	12	Fold: Globin-like Superfamily: Globin-like Family: Globins
82	c2olpB_	Alignment	not modelled	99.8	17	PDB header: oxygen storage/transport Chain: B: PDB Molecule: hemoglobin ii; PDBTitle: structure and ligand selection of hemoglobin ii from lucina pectinata
83	c3bomC_	Alignment	not modelled	99.8	14	PDB header: oxygen storage/transport Chain: C: PDB Molecule: hemoglobin subunit alpha-4; PDBTitle: crystal structure of trout hemoglobin at 1.35 angstrom resolution
84	d1qpwa_	Alignment	not modelled	99.8	18	Fold: Globin-like Superfamily: Globin-like Family: Globins
85	d1gcvb_	Alignment	not modelled	99.8	14	Fold: Globin-like Superfamily: Globin-like Family: Globins
86	d1louta_	Alignment	not modelled	99.8	14	Fold: Globin-like Superfamily: Globin-like Family: Globins
87	d1jl6a_	Alignment	not modelled	99.8	14	Fold: Globin-like Superfamily: Globin-like Family: Globins
88	d1a8pa2	Alignment	not modelled	99.8	21	Fold: Ferredoxin reductase-like, C-terminal NADP-linked domain Superfamily: Ferredoxin reductase-like, C-terminal NADP-linked domain Family: Reductases
89	c5zm9D_	Alignment	not modelled	99.8	15	PDB header: oxygen transport Chain: D: PDB Molecule: globin protein; PDBTitle: crystal structure of hexacoordinated heme protein from anhydrobiotic2 tardigrade at ph 7
90	c5jggA_	Alignment	not modelled	99.8	14	PDB header: oxygen binding/transport protein Chain: A: PDB Molecule: alpha chain; PDBTitle: x-ray sequence and high resolution crystal structure of persian2 sturgeon methemoglobin
91	d1x9fd_	Alignment	not modelled	99.8	17	Fold: Globin-like Superfamily: Globin-like Family: Globins
92	d1fsla_	Alignment	not modelled	99.8	22	Fold: Globin-like Superfamily: Globin-like Family: Globins
93	c1yhuA_	Alignment	not modelled	99.8	21	PDB header: oxygen storage/transport Chain: A: PDB Molecule: hemoglobin a1 chain; PDBTitle: crystal structure of riftia pachyptila c1 hemoglobin reveals novel2 assembly of 24 subunits.
94	d1hlba_	Alignment	not modelled	99.8	20	Fold: Globin-like Superfamily: Globin-like Family: Globins
95	d2cnda2	Alignment	not modelled	99.8	21	Fold: Ferredoxin reductase-like, C-terminal NADP-linked domain Superfamily: Ferredoxin reductase-like, C-terminal NADP-linked domain Family: Reductases
96	d1x9fb_	Alignment	not modelled	99.8	17	Fold: Globin-like Superfamily: Globin-like Family: Globins
97	d1a4fa_	Alignment	not modelled	99.8	15	Fold: Globin-like Superfamily: Globin-like Family: Globins
98	d1gcva_	Alignment	not modelled	99.8	15	Fold: Globin-like Superfamily: Globin-like Family: Globins
99	d1lumka2	Alignment	not modelled	99.8	18	Fold: Ferredoxin reductase-like, C-terminal NADP-linked domain Superfamily: Ferredoxin reductase-like, C-terminal NADP-linked domain Family: Reductases
100	d1qx4a2	Alignment	not modelled	99.8	19	Fold: Ferredoxin reductase-like, C-terminal NADP-linked domain Superfamily: Ferredoxin reductase-like, C-terminal NADP-linked domain Family: Reductases
101	d1jl7a_	Alignment	not modelled	99.8	14	Fold: Globin-like Superfamily: Globin-like Family: Globins
102	d1tu9a_	Alignment	not modelled	99.8	17	Fold: Globin-like Superfamily: Globin-like Family: Globins
103	d1v4wa_	Alignment	not modelled	99.8	11	Fold: Globin-like Superfamily: Globin-like Family: Globins
104	c4u8uW_	Alignment	not modelled	99.8	20	PDB header: oxygen storage/transport Chain: W: PDB Molecule: globin d chain; PDBTitle: the crystallographic structure of the giant hemoglobin from2 glossoscolex paulistus at 3.2 a resolution.
105	d1d8ua_	Alignment	not modelled	99.8	19	Fold: Globin-like Superfamily: Globin-like

						Family: Globins
106	d1spga_	Alignment	not modelled	99.8	17	Fold: Globin-like Superfamily: Globin-like Family: Globins
107	d1hlma_	Alignment	not modelled	99.8	22	Fold: Globin-like Superfamily: Globin-like Family: Globins
108	d1wmua_	Alignment	not modelled	99.8	18	Fold: Globin-like Superfamily: Globin-like Family: Globins
109	d1xq5a_	Alignment	not modelled	99.8	11	Fold: Globin-like Superfamily: Globin-like Family: Globins
110	d1hbra_	Alignment	not modelled	99.8	18	Fold: Globin-like Superfamily: Globin-like Family: Globins
111	c2bk9A_	Alignment	not modelled	99.8	12	PDB header: oxygen transport Chain: A: PDB Molecule: cg9734-pa; PDBTitle: drosophila melanogaster globin
112	c2zs0A_	Alignment	not modelled	99.8	17	PDB header: oxygen storage, oxygen transport Chain: A: PDB Molecule: extracellular giant hemoglobin major globin subunit a1; PDBTitle: structural basis for the heterotropic and homotropic interactions of2 invertebrate giant hemoglobin
113	d3sdha_	Alignment	not modelled	99.8	11	Fold: Globin-like Superfamily: Globin-like Family: Globins
114	d1jeba_	Alignment	not modelled	99.8	15	Fold: Globin-like Superfamily: Globin-like Family: Globins
115	d2d5xa1	Alignment	not modelled	99.8	20	Fold: Globin-like Superfamily: Globin-like Family: Globins
116	d2lhba_	Alignment	not modelled	99.8	15	Fold: Globin-like Superfamily: Globin-like Family: Globins
117	c3qqrA_	Alignment	not modelled	99.8	19	PDB header: oxygen transport Chain: A: PDB Molecule: non-legume hemoglobin; PDBTitle: crystal structure of parasponia hemoglobin; differential heme2 coordination is linked to quaternary structure
118	d2mm1a_	Alignment	not modelled	99.8	15	Fold: Globin-like Superfamily: Globin-like Family: Globins
119	d1cg5a_	Alignment	not modelled	99.8	20	Fold: Globin-like Superfamily: Globin-like Family: Globins
120	d1b0ba_	Alignment	not modelled	99.8	17	Fold: Globin-like Superfamily: Globin-like Family: Globins