




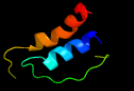








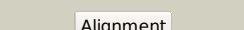

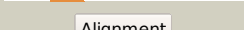

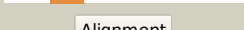


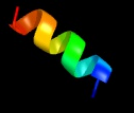











Phyre2

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Description	RVBD0359 (-)_437519_438298
Date	Tue Jul 23 14:50:43 BST 2019
Unique Job ID	bff5936c2c83f0a2

Detailed template
information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3b4rA_	 Alignment		100.0	20	PDB header: hydrolase Chain: A: PDB Molecule: putative zinc metalloprotease mj0392; PDBTitle: site-2 protease from methanocaldococcus jannaschii
2	c3b4rB_	 Alignment		100.0	21	PDB header: hydrolase Chain: B: PDB Molecule: putative zinc metalloprotease mj0392; PDBTitle: site-2 protease from methanocaldococcus jannaschii
3	c2di4B_	 Alignment		95.2	22	PDB header: hydrolase Chain: B: PDB Molecule: cell division protein ftsh homolog; PDBTitle: crystal structure of the ftsh protease domain
4	d2di4a1	 Alignment		95.0	24	Fold: FtsH protease domain-like Superfamily: FtsH protease domain-like Family: FtsH protease domain-like
5	d2ce7a1	 Alignment		94.6	20	Fold: FtsH protease domain-like Superfamily: FtsH protease domain-like Family: FtsH protease domain-like
6	d1cxva_	 Alignment		88.9	38	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain
7	d1i76a_	 Alignment		88.8	46	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain
8	d1q3aa_	 Alignment		88.7	38	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain
9	d1xuca1	 Alignment		88.6	46	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain
10	d1cgla_	 Alignment		88.6	38	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain
11	d1mmqa_	 Alignment		88.5	31	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain

12	d1qiba_	Alignment		88.3	54	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain
13	c2xs4A_	Alignment		88.1	38	PDB header: hydrolase Chain: A: PDB Molecule: karilysin protease; PDBTitle: structure of karilysin catalytic mmp domain in complex with magnesium
14	d1hfca_	Alignment		88.1	38	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain
15	d1hy7a_	Alignment		87.7	38	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain
16	d1y93a1	Alignment		87.5	38	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain
17	c5th6D_	Alignment		87.3	54	PDB header: hydrolase/hydrolase inhibitor Chain: D: PDB Molecule: matrix metalloproteinase-9,matrix metalloproteinase-9; PDBTitle: structure determination of a potent, selective antibody inhibitor of2 human mmp9 (apo mmp9)
18	c2cltB_	Alignment		87.3	31	PDB header: hydrolase Chain: B: PDB Molecule: interstitial collagenase; PDBTitle: crystal structure of the active form (full-length) of human2 fibroblast collagenase.
19	d1hv5a_	Alignment		87.2	46	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain
20	d1rm8a_	Alignment		87.0	46	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain
21	d2ovxa1	Alignment	not modelled	87.0	46	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain
22	d1fbla2	Alignment	not modelled	86.9	38	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain
23	d1hova_	Alignment	not modelled	86.7	54	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain
24	d1eaka2	Alignment	not modelled	86.6	46	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain
25	c2jsdA_	Alignment	not modelled	86.5	54	PDB header: hydrolase Chain: A: PDB Molecule: matrix metalloproteinase-20; PDBTitle: solution structure of mmp20 complexed with nngH
26	c1slmA_	Alignment	not modelled	85.7	38	PDB header: hydrolase Chain: A: PDB Molecule: stromelysin-1; PDBTitle: crystal structure of fibroblast stromelysin-1: the c-truncated human2 proenzyme
27	c5czwA_	Alignment	not modelled	85.6	40	PDB header: hydrolase Chain: A: PDB Molecule: myroilysin; PDBTitle: crystal structure of myroilysin
28	c2mzeA_	Alignment	not modelled	85.4	23	PDB header: hydrolase Chain: A: PDB Molecule: matrilysin; PDBTitle: nmr solution structure of the pro form of human matrilysin (prommp-7)
29	c4a0dD_	Alignment	not modelled	85.2	38	PDB header: hydrolase Chain: D: PDB Molecule: collagenase 3;

29	c9g00b_	Alignment	not modelled	83.2	38	PDBTitle: human collagenase 3 (mmp-13) full form with peptides from pro-domain PDB header: hydrolase
30	c1su3A_	Alignment	not modelled	85.2	38	Chain: A; PDB Molecule: interstitial collagenase; PDBTitle: x-ray structure of human prommp-1: new insights into2 collagenase action
31	d1bqqm_	Alignment	not modelled	83.6	38	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain
32	c3ba0A_	Alignment	not modelled	83.3	36	PDB header: hydrolase Chain: A; PDB Molecule: macrophage metalloelastase; PDBTitle: crystal structure of full-length human mmp-12
33	d1kapp2	Alignment	not modelled	83.1	29	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Serralysin-like metalloprotease, catalytic (N-terminal) domain
34	d1sata2	Alignment	not modelled	82.7	36	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Serralysin-like metalloprotease, catalytic (N-terminal) domain
35	c5a0sA_	Alignment	not modelled	82.1	45	PDB header: hydrolase Chain: A; PDB Molecule: zinc metalloprotease zmp1; PDBTitle: apo-structure of metalloprotease zmp1 variant e143a from clostridium2 difficile
36	d1g9ka2	Alignment	not modelled	82.0	40	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Serralysin-like metalloprotease, catalytic (N-terminal) domain
37	c2l0rA_	Alignment	not modelled	82.0	55	PDB header: hydrolase,toxin Chain: A; PDB Molecule: lethal factor; PDBTitle: conformational dynamics of the anthrax lethal factor catalytic center
38	d1k7ia2	Alignment	not modelled	81.9	36	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Serralysin-like metalloprotease, catalytic (N-terminal) domain
39	d1kjpg_	Alignment	not modelled	80.5	27	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Thermolysin-like
40	c4k90A_	Alignment	not modelled	80.4	21	PDB header: hydrolase Chain: A; PDB Molecule: extracellular metalloproteinase mep; PDBTitle: extracellular metalloproteinase from aspergillus
41	d1bqba_	Alignment	not modelled	79.8	21	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Thermolysin-like
42	c6fpcA_	Alignment	not modelled	79.3	50	PDB header: hydrolase Chain: A; PDB Molecule: pro-pro endopeptidase; PDBTitle: structure of the pro-pro endopeptidase (ppep-2) from paenibacillus2 alvei
43	d1npca_	Alignment	not modelled	78.9	23	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Thermolysin-like
44	c2vqxA_	Alignment	not modelled	76.5	19	PDB header: hydrolase Chain: A; PDB Molecule: metalloproteinase; PDBTitle: precursor of protealysin, metalloproteinase from serratia2 proteamaculans.
45	c1eakA_	Alignment	not modelled	76.3	46	PDB header: hydrolase/hydrolase inhibitor Chain: A; PDB Molecule: 72 kda type iv collagenase; PDBTitle: catalytic domain of prommp-2 e404q mutant
46	c1jiwP_	Alignment	not modelled	75.6	29	PDB header: hydrolase/hydrolase inhibitor Chain: P; PDB Molecule: alkaline metalloproteinase; PDBTitle: crystal structure of the apr-aprin complex
47	c6nyyA_	Alignment	not modelled	75.6	29	PDB header: translocase Chain: A; PDB Molecule: afg3-like protein 2; PDBTitle: human m-aaa protease afg3l2, substrate-bound
48	c4gerB_	Alignment	not modelled	75.2	19	PDB header: hydrolase Chain: B; PDB Molecule: gentlyase metalloprotease; PDBTitle: crystal structure of gentlyase, the neutral metalloprotease of2 paenibacillus polymyxa
49	c3nqxA_	Alignment	not modelled	74.8	29	PDB header: hydrolase Chain: A; PDB Molecule: secreted metalloprotease mcp02; PDBTitle: crystal structure of vibriolysin mcp-02 mature enzyme, a zinc2 metalloprotease from m4 family
50	c3nqxB_	Alignment	not modelled	74.1	27	PDB header: hydrolase Chain: B; PDB Molecule: secreted metalloprotease mcp02; PDBTitle: crystal structure of the autoprocessed vibriolysin mcp-02 with e369a2 mutation
51	c6nyyC_	Alignment	not modelled	74.1	29	PDB header: translocase Chain: C; PDB Molecule: afg3-like protein 2; PDBTitle: human m-aaa protease afg3l2, substrate-bound
52	c3edhA_	Alignment	not modelled	73.6	33	PDB header: hydrolase Chain: A; PDB Molecule: bone morphogenetic protein 1; PDBTitle: crystal structure of bone morphogenetic protein 1 protease2 domain in complex with partially bound dmso
53	c3sksA_	Alignment	not modelled	72.9	50	PDB header: hydrolase Chain: A; PDB Molecule: putative oligoendopeptidase f; PDBTitle: crystal structure of a putative oligoendopeptidase f from bacillus2 anthracis str. ames
54	d1j7na2	Alignment	not modelled	72.2	55	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Anthrax toxin lethal factor, N- and C-terminal domains
55	d1asta_	Alignment	not modelled	71.8	36	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Astacin PDB header: hydrolase

56	c3vtgA	Alignment	not modelled	71.6	33	Chain: A: PDB Molecule: high choriolytic enzyme 1; PDBTitle: high choriolytic enzyme 1 (hce-1), a hatching enzyme zinc-protease2 from oryzias latipes (medaka fish) PDB header: hydrolase
57	c1om8A	Alignment	not modelled	71.6	29	Chain: A: PDB Molecule: serralysin; PDBTitle: crystal structure of a cold adapted alkaline protease from pseudomonas2 tac ii 18, co-crystallized with 10 mm edta PDB header: hydrolase
58	c3lqbA	Alignment	not modelled	70.4	33	Chain: A: PDB Molecule: loc792177 protein; PDBTitle: crystal structure of the hatching enzyme zhe1 from the zebrafish danio2 rerio PDB header: structural genomics, unknown function
59	c3ce2A	Alignment	not modelled	70.2	50	Chain: A: PDB Molecule: putative peptidase; PDBTitle: crystal structure of putative peptidase from chlamydomphila abortus PDB header: structural genomics, unknown function
60	d1u4ga	Alignment	not modelled	69.6	29	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Thermolysin-like
61	c2qr4B	Alignment	not modelled	69.1	33	PDB header: hydrolase Chain: B: PDB Molecule: peptidase m3b, oligoendopeptidase f; PDBTitle: crystal structure of oligoendopeptidase-f from enterococcus faecium
62	c3lq0A	Alignment	not modelled	69.0	36	PDB header: hydrolase Chain: A: PDB Molecule: proastacin; PDBTitle: zymogen structure of crayfish astacin metallopeptidase
63	c3dl1A	Alignment	not modelled	68.6	40	PDB header: hydrolase Chain: A: PDB Molecule: putative metal-dependent hydrolase; PDBTitle: crystal structure of a putative metal-dependent hydrolase2 (yp_001336084.1) from klebsiella pneumoniae subsp. pneumoniae mgh3 78578 at 2.20 a resolution
64	c2h1jA	Alignment	not modelled	67.9	50	PDB header: hydrolase Chain: A: PDB Molecule: oligoendopeptidase f; PDBTitle: 3.1 a x-ray structure of putative oligoendopeptidase f: crystals grown2 by microfluidic seeding
65	d1s4bp	Alignment	not modelled	67.0	50	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Neurolysin-like
66	c1y791	Alignment	not modelled	65.9	50	PDB header: hydrolase Chain: 1: PDB Molecule: peptidyl-dipeptidase dcp; PDBTitle: crystal structure of the e.coli dipeptidyl carboxypeptidase2 dcp in complex with a peptidic inhibitor
67	d1l1ip	Alignment	not modelled	65.2	50	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Neurolysin-like
68	c6mdxA	Alignment	not modelled	62.1	38	PDB header: dna binding protein/dna Chain: A: PDB Molecule: spirt-like domain-containing protein spartan; PDBTitle: mechanism of protease dependent dpc repair
69	c3rleA	Alignment	not modelled	62.0	13	PDB header: membrane protein Chain: A: PDB Molecule: golgi reassembly-stacking protein 2; PDBTitle: crystal structure of grasp55 grasp domain (residues 7-208)
70	c3p1vB	Alignment	not modelled	57.8	60	PDB header: hydrolase Chain: B: PDB Molecule: metallo-endopeptidase; PDBTitle: crystal structure of a metallo-endopeptidases (bacova_00663) from2 bacteroides ovatus at 1.93 a resolution
71	c6eomA	Alignment	not modelled	57.7	29	PDB header: hydrolase Chain: A: PDB Molecule: mutt/nudix family protein; PDBTitle: structure of dpp iii from caldithrix abyssi
72	c4gwnA	Alignment	not modelled	56.6	42	PDB header: hydrolase Chain: A: PDB Molecule: meprin a subunit beta; PDBTitle: crystal structure of human mature meprin beta
73	c4ka8A	Alignment	not modelled	56.5	58	PDB header: hydrolase Chain: A: PDB Molecule: oligopeptidase a; PDBTitle: structure of organellar oligopeptidase
74	c4gwmA	Alignment	not modelled	56.2	42	PDB header: hydrolase Chain: A: PDB Molecule: meprin a subunit beta; PDBTitle: crystal structure of human promeprin beta
75	c1wgzC	Alignment	not modelled	56.2	67	PDB header: hydrolase Chain: C: PDB Molecule: carboxypeptidase 1; PDBTitle: crystal structure of carboxypeptidase 1 from thermus thermophilus
76	c1l6jA	Alignment	not modelled	56.0	54	PDB header: hydrolase Chain: A: PDB Molecule: matrix metalloproteinase-9; PDBTitle: crystal structure of human matrix metalloproteinase mmp92 (gelatinase b).
77	c3cqbB	Alignment	not modelled	54.2	27	PDB header: hydrolase Chain: B: PDB Molecule: probable protease htpx homolog; PDBTitle: crystal structure of heat shock protein htpx domain from vibrio2 parahaemolyticus rimd 2210633
78	c3dwcA	Alignment	not modelled	53.8	56	PDB header: hydrolase Chain: A: PDB Molecule: metallocarboxypeptidase; PDBTitle: trypanosoma cruzi metallocarboxypeptidase 1
79	c5givD	Alignment	not modelled	53.5	67	PDB header: hydrolase Chain: D: PDB Molecule: carboxypeptidase 1; PDBTitle: crystal structure of m32 carboxypeptidase from deinococcus radiodurans2 r1
80	c5l43B	Alignment	not modelled	52.7	35	PDB header: hydrolase Chain: B: PDB Molecule: k-26 dipeptidyl carboxypeptidase; PDBTitle: structure of k26-dcp
81	c4aw6B	Alignment	not modelled	52.1	36	PDB header: hydrolase Chain: B: PDB Molecule: caax prenyl protease 1 homolog; PDBTitle: crystal structure of the human nuclear membrane zinc metalloprotease2 zmpste24 (face1)
82	c5zwmB	Alignment	not modelled	51.7	31	PDB header: hydrolase Chain: B: PDB Molecule: dipeptidyl-peptidase iii;

82	c2umB	Alignment	not modelled	51.7	41	PDBTitle: structure of dipeptidyl-peptidase iii from coralloccoccus sp. strain2 egb PDB header: hydrolase
83	c5e3xA	Alignment	not modelled	51.7	67	Chain: A; PDB Molecule: thermostable carboxypeptidase 1; PDBTitle: crystal structure of thermostable carboxypeptidase (fiscp) from2 fervidobacterium islandicum aw-1
84	d2ajfa1	Alignment	not modelled	51.1	33	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Neurolysin-like
85	c4fgmA	Alignment	not modelled	50.6	46	PDB header: hydrolase Chain: A; PDB Molecule: aminopeptidase n family protein; PDBTitle: crystal structure of the aminopeptidase n family protein q5qy1 from2 idiomarina loihiensis. northeast structural genomics consortium3 target ilr60.
86	c3hq2A	Alignment	not modelled	50.4	56	PDB header: hydrolase Chain: A; PDB Molecule: bacillus subtilis m32 carboxypeptidase; PDBTitle: bsucp crystal structure
87	c4yu5A	Alignment	not modelled	49.4	42	PDB header: hydrolase Chain: A; PDB Molecule: immune inhibitor a, metalloprotease; PDBTitle: crystal structure of selenomethionine variant of bacillus anthracis2 immune inhibitor a2 peptidase zymogen
88	c4jixB	Alignment	not modelled	48.0	50	PDB header: hydrolase Chain: B; PDB Molecule: projannalysin; PDBTitle: crystal structure of the metallopeptidase zymogen of2 methanocaldococcus jannaschii jannalysin
89	d1j36a	Alignment	not modelled	47.9	33	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Neurolysin-like
90	d1k9xa	Alignment	not modelled	47.7	50	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Neurolysin-like
91	c4il3B	Alignment	not modelled	47.3	36	PDB header: hydrolase Chain: B; PDB Molecule: ste24p; PDBTitle: crystal structure of s. mikatae ste24p
92	d1mla	Alignment	not modelled	46.9	29	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Leishmanolysin
93	c3c37B	Alignment	not modelled	45.9	36	PDB header: hydrolase Chain: B; PDB Molecule: peptidase, m48 family; PDBTitle: x-ray structure of the putative zn-dependent peptidase q74d82 at the2 resolution 1.7 a. northeast structural genomics consortium target3 gsr143a
94	c1satA	Alignment	not modelled	44.5	36	PDB header: hydrolase (serine protease) Chain: A; PDB Molecule: serratia protease; PDBTitle: crystal structure of the 50 kda metallo protease from s.2 marcescens
95	c2c6nA	Alignment	not modelled	44.0	42	PDB header: hydrolase/hydrolase inhibitor Chain: A; PDB Molecule: angiotensin-converting enzyme, somatic isoform; PDBTitle: structure of human somatic angiotensin-i converting enzyme n domain2 with lisinopril
96	d1c7ka	Alignment	not modelled	42.4	40	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Zinc protease
97	c1yqyA	Alignment	not modelled	42.0	67	PDB header: hydrolase Chain: A; PDB Molecule: lethal factor; PDBTitle: structure of b. anthrax lethal factor in complex with a2 hydroxamate inhibitor
98	c4jiuA	Alignment	not modelled	39.0	38	PDB header: hydrolase Chain: A; PDB Molecule: proabylysin; PDBTitle: crystal structure of the metallopeptidase zymogen of pyrococcus abyssi2 abylysin
99	c1pwqA	Alignment	not modelled	38.7	67	PDB header: hydrolase Chain: A; PDB Molecule: lethal factor; PDBTitle: crystal structure of anthrax lethal factor complexed with2 thioacetyl-tyr-pro-met-amide, a metal-chelating peptidyl3 small molecule inhibitor
100	c5xbvA	Alignment	not modelled	38.0	25	PDB header: hydrolase Chain: A; PDB Molecule: wss1p; PDBTitle: crystal structure of wss1 mutant from saccharomyces cerevisiae
101	c3k7IA	Alignment	not modelled	36.5	25	PDB header: hydrolase Chain: A; PDB Molecule: atragin; PDBTitle: structures of two elapid snake venom metalloproteases with2 distinct activities highlight the disulfide patterns in the3 d domain of adamalysin family proteins
102	d1luzea	Alignment	not modelled	34.4	33	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Neurolysin-like
103	d1nd1a	Alignment	not modelled	34.2	40	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Reprolysin-like
104	d4aiga	Alignment	not modelled	34.2	40	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Reprolysin-like
105	c2j83B	Alignment	not modelled	33.3	44	PDB header: hydrolase Chain: B; PDB Molecule: ulilysin; PDBTitle: ulilysin metalloprotease in complex with batimastat.
106	c3b8zB	Alignment	not modelled	32.9	33	PDB header: hydrolase Chain: B; PDB Molecule: protein adams-5; PDBTitle: high resolution crystal structure of the catalytic domain of adams-52 (aggrecaanse-2)
107	d1kufa	Alignment	not modelled	32.7	25	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Reprolysin-like

108	c4dd8B_	Alignment	not modelled	32.5	40	PDB header: hydrolase/hydrolase inhibitor Chain: B: PDB Molecule: disintegrin and metalloproteinase domain-containing protein PDBTitle: adam-8 metalloproteinase domain with bound batimastat
109	d1r55a_	Alignment	not modelled	32.5	25	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Reprolysin-like
110	c5ln5A_	Alignment	not modelled	31.9	25	PDB header: hydrolase Chain: A: PDB Molecule: ubiquitin and wlm domain-containing metalloprotease PDBTitle: crystal structure of the wss1 e203q mutant from s. pombe
111	c2dw1B_	Alignment	not modelled	31.8	27	PDB header: apoptosis, toxin Chain: B: PDB Molecule: catrocollastatin; PDBTitle: crystal structure of vap2 from crotalus atrox venom (form 2-2 crystal)
112	d1atla_	Alignment	not modelled	30.7	40	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Reprolysin-like
113	d1quaa_	Alignment	not modelled	30.6	27	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Reprolysin-like
114	c2i47A_	Alignment	not modelled	30.4	33	PDB header: hydrolase Chain: A: PDB Molecule: adam 17; PDBTitle: crystal structure of catalytic domain of tace with inhibitor
115	c1yp1A_	Alignment	not modelled	30.0	27	PDB header: hydrolase Chain: A: PDB Molecule: fii; PDBTitle: crystal structure of a non-hemorrhagic fibrin(ogen)olytic2 metalloproteinase from venom of agkistrodon acutus
116	d2i47a1	Alignment	not modelled	29.9	33	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: TNF-alpha converting enzyme, TACE, catalytic domain
117	d2ejqa1	Alignment	not modelled	29.6	50	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: TTHA0227-like
118	c1gxdA_	Alignment	not modelled	28.9	46	PDB header: hydrolase Chain: A: PDB Molecule: 72 kda type iv collagenase; PDBTitle: prommp-2/timp-2 complex
119	c6aitD_	Alignment	not modelled	28.4	42	PDB header: hydrolase Chain: D: PDB Molecule: beta-barrel assembly-enhancing protease; PDBTitle: crystal structure of e. coli bepa
120	d1bswa_	Alignment	not modelled	27.7	19	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Reprolysin-like