

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3dtkA_	Alignment	A Series	91.5	22	PDB header:gene regulation Chain: A: PDB Molecule:irre protein; PDBTitle: crystal structure of the irre protein, a central regulator2 of dna damage repair in deinococcaceae PDB Entry: PDBe RCSB PDBJ
2	<u>c4jiuA_</u>	Alignment		100.0	21	PDB header:hydrolase Chain: A: PDB Molecule:proabylysin; PDBTitle: crystal structure of the metallopeptidase zymogen of pyrococcus abyssi2 abylysin PDB Entry: PDBe RCSB PDBj
3	<u>c6aitD</u>	Alignment	6	90.4	18	PDB header:hydrolase Chain: D: PDB Molecule:beta-barrel assembly-enhancing protease; PDBTitle: crystal structure of e. coli bepa PDB Entry: PDBe RCSB PDBj
4	<u>c3c37B</u> _	Alignment		95.0	15	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 PDB Entry: PDBe RCSB PDBj
5	<u>c4jixB</u> _	Alignment		99.9	16	PDB header:hydrolase Chain: B: PDB Molecule:projannalysin; PDBTitle: crystal structure of the metallopeptidase zymogen of2 methanocaldococcus jannaschii jannalysin PDB Entry: PDBe RCSB PDBj
6	<u>c6mdxA</u> _	Alignment		98.8	18	PDB header:dna binding protein/dna Chain: A: PDB Molecule:sprt-like domain-containing protein spartan; PDBTittle: mechanism of protease dependent dpc repair PDB Entry: PDBe RCSB PDBj
7	c5xbvA_	Alignment		99.7	13	PDB header:hydrolase Chain: A: PDB Molecule:wss1p; PDBTitle: crystal structure of wss1 mutant from saccharomyces cerevisiae PDB Entry: PDBe RCSB PDBj
8	<u>c5ln5A</u>	Alignment	Same.	97.7	21	PDB header:hydrolase Chain: A: PDB Molecule:ubiquitin and wlm domain-containing metalloprotease PDBTitle: crystal structure of the wss1 e203q mutant from s. pombe PDB Entry: PDBe RCSB PDBj
9	<u>c4il3B</u> _	Alignment		91.1	16	PDB header:hydrolase Chain: B: PDB Molecule:ste24p; PDBTitle: crystal structure of s. mikatae ste24p PDB Entry: PDBe RCSB PDBj
10	<u>c3cqbB</u>	Alignment		95.5	13	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 PDB Entry: PDBe RCSB PDBj
11	<u>c4aw6B</u> _	Alignment		89.9	26	PDB header:hydrolase Chain: B: PDB Molecule:caax prenyl protease 1 homolog; PDBTitle: crystal structure of the human nuclear membrane zinc metalloprotease2 zmpste24 (face1) PDB Entry: PDBe RCSB PDBj

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12	d1bswa_	Alignment	and the same of th	86.5	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Reprolysin-like PDB entry: PDBe RCSB PDBj
13	<u>d1atla</u>	Alignment		85.8	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Reprolysin-like PDB entry: PDBe RCSB PDBj
14	d1quaa_	Alignment		83.4	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Reprolysin-like PDB entry: PDBe RCSB PDBj
15	<u>d1r55a</u> _	Alignment		80.7	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Reprolysin-like PDB entry: PDBe RCSB PDBj
16	d1nd1a_	Alignment		80.5	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Reprolysin-like PDB entry: PDBe RCSB PDBj
17	c6oiuD_	Alignment	St.	80.4	PDB header:hydrolase Chain: D: PDB Molecule:aminopeptidase n; 11 PDBTitle: x-ray crystal structure of the ectodomain of the toxoplasma gondii2 me49 aminopeptidase n (tgme49_224350) PDB Entry: PDBe RCSB PDBj
18	<u>d4aiga</u> _	Alignment	Eng.	79.5	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Reprolysin-like PDB entry: PDBe RCSB PDBj
19	clyp1A_	Alignment		79.4	PDB header:hydrolase Chain: A: PDB Molecule:fii; PDBTitle: crystal structure of a non-hemorrhagic fibrin(ogen)olytic2 metalloproteinase from venom of agkistrodon acutus PDB Entry: PDBe RCSB PDBi
20	c3b37A_	Alignment	A. W.	78.2	PDB header:hydrolase Chain: A: PDB Molecule:aminopeptidase n; PDBTitle: crystal structure of e. coli aminopeptidase n in complex with tyrosine PDB Entry: PDBe RCSB PDBj
21	c5zi7A_	Alignment	not modelled	77.9	PDB header:hydrolase Chain: A: PDB Molecule:aminopeptidase n; 11 PDBTitle: crystal structure of legionella pneumophila aminopeptidase a in2 complex with glutamic acid PDB Entry: PDBe RCSB PDBj
22	d1kufa_	Alignment	not modelled	77.4	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Reprolysin-like PDB entry: PDBe RCSB PDBj
23	<u>c5dllA</u>	Alignment	not modelled	77.0	PDB header:hydrolase Chain: A: PDB Molecule:aminopeptidase n; 12 PDBTitle: aminopeptidase n (pepn) from francisella tularensis subsp. tularensis2 schu s4 PDB Entry: PDBe RCSB PDBj
24	c3ebhA_	Alignment	not modelled	76.5	PDB header:hydrolase inhibitor Chain: A: PDB Molecule:m1 family aminopeptidase; 12 PDBTitle: structure of the m1 alanylaminopeptidase from malaria complexed with2 bestatin PDB Entry: PDBe RCSB PDBj
25	c3k7lA_	Alignment	not modelled	76.4	PDB header:hydrolase Chain: A: PDB Molecule:atragin; PDBTitle: structures of two elapid snake venom metalloproteases with distinct2 activities highlight the disulfide patterns in the d domain of3 adamalysin family proteins PDB Entry: PDBe RCSB PDBj
26	c2gtqA_	Alignment	not modelled	75.4	PDB header:hydrolase Chain: A: PDB Molecule:aminopeptidase n; 12 PDBTitle: crystal structure of aminopeptidase n from human pathogen neisseria2 meningitidis PDB Entry: PDBe RCSB PDBj
27	d1wnia	Alleman	not modelled	73 0	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain

21	u_wiiia_	Alignment	not modelled	13.9	۷۷	Family: Reprolysin-like PDB entry: PDBe RCSB PDBj
28	c2xdtA_	Alignment	not modelled	73.9	16	PDB header:hydrolase Chain: A: PDB Molecule:endoplasmic reticulum aminopeptidase 1; PDBTitle: crystal structure of the soluble domain of human2 endoplasmic reticulum aminopeptidase 1 erap1 PDB Entry: PDBe RCSB PDBj
29	<u>c2e3xA_</u>	Alignment	not modelled	72.4	20	PDB header:hydrolase, blood clotting, toxin Chain: A: PDB Molecule:coagulation factor x-activating enzyme heavy chain; PDBTitle: crystal structure of russell's viper venom metalloproteinase PDB Entry: PDBe RCSB PDBj
30	<u>c4dd8B</u> _	Alignment	not modelled	70.2	13	PDB header:hydrolase/hydrolase inhibitor Chain: B: PDB Molecule:disintegrin and metalloproteinase domain- containing protein PDBTitle: adam-8 metalloproteinase domain with bound batimastat PDB Entry: PDBe RCSB PDBj
31	c4kxdA_	Alignment	not modelled	70.1	16	PDB header:hydrolase Chain: A: PDB Molecule:glutamyl aminopeptidase; PDBTitle: crystal structure of human aminopeptidase a complexed with glutamate2 and calcium PDB Entry: PDBe RCSB PDBj
32	<u>c2i47A_</u>	Alignment	not modelled	69.0	26	PDB header:hydrolase Chain: A: PDB Molecule:adam 17; PDBTitle: crystal structure of catalytic domain of tace with inhibitor PDB Entry: PDBe RCSB PDBj
33	cleakA_	Alignment	not modelled	68.5	24	PDB header:hydrolase/hydrolase inhibitor Chain: A: PDB Molecule:72 kda type iv collagenase; PDBTitle: catalytic domain of prommp-2 e404q mutant PDB Entry: PDBe RCSB PDBj
34	<u>d2i47a1</u>	Alignment	not modelled	68.0	26	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: TNF-alpha converting enzyme, TACE, catalytic domain PDB entry: PDBe RCSB PDBj PDB header:toxin
35	c2erpA_	Alignment	not modelled	67.9	15	Chain: A: PDB Molecule:vascular apoptosis-inducing protein 1; PDBTitle: crystal structure of vascular apoptosis-inducing protein- 1(inhibitor-2 bound form) PDB Entry: PDBe RCSB PDBj
36	<u>c3k7nA</u>	Alignment	not modelled	67.8	18	PDB header:hydrolase Chain: A: PDB Molecule:k-like; PDBTitle: structures of two elapid snake venom metalloproteases with distinct2 activities highlight the disulfide patterns in the d domain of3 adamalysin family proteins PDB Entry: PDBe RCSB PDBj
37	<u>c3dl1A_</u>	Alignment	not modelled	67.1	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 PDB Entry: PDBe RCSB PDBj
38	<u>c3g5cA_</u>	Alignment	not modelled	66.2	23	PDB header:membrane protein Chain: A: PDB Molecule:adam 22; PDBTitle: structural and biochemical studies on the ectodomain of human adam22 PDB Entry: PDBe RCSB PDBi
39	c2rjqA_	Alignment	not modelled	65.6	22	PDB header:hydrolase Chain: A: PDB Molecule:adamts-5; PDBTitle: crystal structure of adamts5 with inhibitor bound PDB Entry: PDBe RCSB PDBj
40	c6be6D_	Alignment	not modelled	65.5	27	PDB header:membrane protein Chain: D: PDB Molecule:disintegrin and metalloproteinase domain- containing protein PDBTitle: adam10 extracellular domain PDB Entry: PDBe RCSB PDBj
41	<u>c4fytA_</u>	Alignment	not modelled	63.2	15	PDB header:hydrolase/hydrolase inhibitor Chain: A: PDB Molecule:aminopeptidase n; PDBTitle: human aminopeptidase n (cd13) in complex with amastatin PDB Entry: PDBe RCSB PDBi
42	c5czwA_	Alignment	not modelled	61.4	14	PDB header:hydrolase Chain: A: PDB Molecule:myroilysin; PDBTitle: crystal structure of myroilysin PDB Entry: PDBe RCSB PDBj
43	c4wz9A_	Alignment	not modelled	59.1	14	PDB header:hydrolase Chain: A: PDB Molecule:agap004809-pa; PDBTitle: apn1 from anopheles gambiae PDB Entry: PDB RCSB PDBj PDB header:hydrolase
44	<u>c4pj6B</u>	Alignment	not modelled	59.0	14	PDB header:hydrolase Chain: B: PDB Molecule:leucyl-cystinyl aminopeptidase; PDBTitle: crystal structure of human insulin regulated aminopeptidase with2 lysine in active site PDB Entry: PDBe RCSB PDBj
45	c2dw1B_	Alignment	not modelled	58.7	18	PDB header:apoptosis, toxin Chain: B: PDB Molecule:catrocollastatin; PDBTitle: crystal structure of vap2 from crotalus atrox venom (form 2-2 crystal) PDB Entry: PDBe RCSB PDBj
46	<u>c3cmnA_</u>	Alignment	not modelled	57.5	30	PDB header:hydrolase Chain: A: PDB Molecule:putative hydrolase; PDBTitle: crystal structure of a putative hydrolase with a novel fold from2 chloroflexus aurantiacus PDB Entry: PDBe RCSB PDBj
47	d3cmna1	Alignment	not modelled	57.1	30	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Caur0242-like PDB entry: PDBe RCSB PDBj
48	<u>c6qigA_</u>	Alignment	not modelled	56.8	25	PDB header:blood clotting Chain: A: PDB Molecule:a disintegrin and metalloproteinase with thrombospondin PDBTitle: metalloproteinase PDB Entry: PDBe RCSB PDBj

49	c2v4bB_	Alignment	not modelled	55.0	31	PDB header:hydrolase Chain: B: PDB Molecule:adamts-1; PDBTitle: crystal structure of human adamts-1 catalytic domain and cysteine-2 rich domain (apo-form) PDB Entry: PDBe RCSB PDBj
50	<u>c6i89A_</u>	Alignment	not modelled	55.0	10	PDB header:metal binding protein Chain: A: PDB Molecule:ardc protein; PDBTitle: crystal structure of antirestriction ardc protein from r388 plasmid.2 metal-free structure. PDB Entry: PDBe RCSB PDBj
51	c3qnfC_	Alignment	not modelled	54.6	18	PDB header:hydrolase Chain: C: PDB Molecule:endoplasmic reticulum aminopeptidase 1; PDBTitle: crystal structure of the open state of human endoplasmic reticulum2 aminopeptidase 1 erap1 PDB Entry: PDBe RCSB PDBj
52	c2l0rA_	Alignment	not modelled	54.4	23	PDB header:hydrolase,toxin Chain: A: PDB Molecule:lethal factor; PDBTitle: conformational dynamics of the anthrax lethal factor catalytic center PDB Entry: PDBe RCSB PDBi
53	d1rm8a_	Alignment	not modelled	54.1	44	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain PDB entry: PDBe RCSB PDBj
54	c2rjpC_	Alignment	not modelled	53.9	25	PDB header:hydrolase Chain: C: PDB Molecule:adamts-4; PDBTitle: crystal structure of adamts4 with inhibitor bound PDB Entry: PDBe RCSB PDBj
55	<u>d3e11a1</u>	Alignment	not modelled	53.8	44	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: TTHA0227-like PDB entry: PDBe RCSB PDBj Fold: Zincin-like
56	d1bqqm_	Alignment	not modelled	53.4	39	Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain PDB entry: PDBe RCSB PDBj Fold: Zincin-like Fold: Zincin-like
57	d1hv5a_	Alignment	not modelled	52.8	28	Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain PDB entry: PDBe RCSB PDBj PDB header:hydrolase
58	c3qnfA_	Alignment	not modelled	52.6	18	Chain: A: PDB Molecule:endoplasmic reticulum aminopeptidase 1; PDBTitle: crystal structure of the open state of human endoplasmic reticulum2 aminopeptidase 1 erap1 PDB Entry: PDBE RCSB PDBj
59	d1xuca1	Alignment	not modelled	52.6	28	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain PDB entry: PDBe RCSB PDBj PDB header:hydrolase
60	<u>c5a0sA_</u>	Alignment	not modelled	52.5	27	Chain: A: PDB Molecule:zinc metalloprotease zmp1; PDBTitle: apo-structure of metalloprotease zmp1 variant e143a from clostridium2 difficile PDB Entry: PDBe RCSB PDBj
61	d1k7ia2	Alignment	not modelled	51.2	18	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Serralysin-like metalloprotease, catalytic (N-terminal) domain PDB entry: PDBe RCSB PDBj
62	d1lmla_	Alignment	not modelled	50.9	21	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Leishmanolysin PDB entry: PDBe RCSB PDBj PDB header:hydrolase
63	<u>c3b8zB</u> _	Alignment	not modelled	50.9	38	Chain: B: PDB Molecule:protein adamts-5; PDBTitle: high resolution crystal structure of the catalytic domain of adamts-52 (aggrecanase-2) PDB Entry: PDB RCSB PDBj
64	c3mdjB_	Alignment	not modelled	50.3	19	PDB header:hydrolase/hydrolase inhibitor Chain: B: PDB Molecule:endoplasmic reticulum aminopeptidase 1; PDBTitle: er aminopeptidase, erap1, bound to the zinc aminopeptidase inhibitor,2 bestatin PDB Entry: PDBe RCSB PDBj
65	d1sata2	Alignment	not modelled	48.7	14	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Serralysin-like metalloprotease, catalytic (N-terminal) domain PDB entry: PDBe RCSB PDBj
66	c6fpcA_	Alignment	not modelled	48.6	27	PDB header:hydrolase Chain: A: PDB Molecule:pro-pro endopeptidase; PDBTitle: structure of the pro-pro endopeptidase (ppep-2) from paenibacillus2 alvei PDB Entry: PDBe RCSB PDBi
67	c4f5cA_	Alignment	not modelled	48.3	15	PDB header:hydrolase/viral protein Chain: A: PDB Molecule:aminopeptidase n; PDBTitle: crystal structure of the spike receptor binding domain of a porcine2 respiratory coronavirus in complex with the pig aminopeptidase n3 ectodomain PDB Entry: PDBe RCSB PDBi
68	dlnpca_	Alignment	not modelled	47.8	50	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Thermolysin-like PDB entry: PDBe RCSB PDBj
69	c1slmA_	Alignment	not modelled	47.7	28	PDB header:hydrolase Chain: A: PDB Molecule:stromelysin-1; PDBTitle: crystal structure of fibroblast stromelysin-1: the c- truncated human2 proenzyme PDB Entry: PDBe RCSB PDBj
70	d1qiba_	Alignment	not modelled	47.5	33	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain PDB entry: PDBe RCSB PDBj PDB header:hydrolase

71	<u>c1l6jA_</u>	Alignment	not modelled	47.4	Chain: A: PDB Molecule:matrix metalloproteinase-9; PDBTitle: crystal structure of human matrix metalloprote mmp92 (gelatinase b). PDB Entry: PDBe RCSB PDBj	einase
72	<u>c6a8zB</u> _	Alignment	not modelled	47.0	PDB header:hydrolase Chain: B: PDB Molecule:zinc metalloprotease, putative; 14 PDBTitle: crystal structure of m1 zinc metallopeptidase fi deinococcus2 radiodurans PDB Entry: PDBe RCSB PDBj	rom
73	c2xs4A_	Alignment	not modelled	46.8	PDB header:hydrolase Chain: A: PDB Molecule:karilysin protease; 39 PDBTitle: structure of karilysin catalytic mmp domain in with magnesium PDB Entry: PDBe RCSB PDBj	complex
74	d1kjpa_	Alignment	not modelled	46.1	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic doma Family: Thermolysin-like PDB entry: PDBe RCSB PDBj	ain
75	c2mzeA_	Alignment	not modelled	45.6	PDB header:hydrolase Chain: A: PDB Molecule:matrilysin; 22 PDBTitle: nmr solution structure of the pro form of huma matrilysin (prommp-7) PDB Entry: PDBe RCSB PDBj	in
76	<u>c1z5hB_</u>	Alignment	not modelled	44.8	PDB header:hydrolase Chain: B: PDB Molecule:tricorn protease interacting fact 17 PDBTitle: crystal structures of the tricorn interacting fact from2 thermoplasma acidophilum PDB Entry: PDBe RCSB PDBi	
77	d1hfca_	Alignment	not modelled	44.4	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain PDB entry: PDBe RCSB PDBj Fold: Zincin like	ain
78	d1q3aa_	Alignment	not modelled	44.4	33 Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain PDB entry: PDBe RCSB PDBj Fold: Zincin-like	ain
79	d1hova_	Alignment	not modelled	44.2	33 Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain PDB entry: PDBe RCSB PDBj Fold: Zincin-like	ain
80	d1bqba_	Alignment	not modelled	44.0	50 Superfamily: Metalloproteases ("zincins"), catalytic doma Family: Thermolysin-like PDB entry: PDBe RCSB PDBj PDB header:hydrolase	ain
81	<u>c4gerB</u> _	Alignment	not modelled	44.0	Chain: B: PDB Molecule:gentlyase metalloprotease; 63 PDBTitle: crystal structure of gentlyase, the neutral metalloprotease of2 paenibacillus polymyxa PDB Entry: PDBE RCSB PDBj	
82	c2xhqA_	Alignment	not modelled	44.0	PDB header:hydrolase Chain: A: PDB Molecule:archaemetzincin; PDBTitle: crystal structure of archaemetzincin (amza) fro archaeoglobus2 fulgidus at 1.45 a resolution PDB Entry: PDBe RCSB PDBj	om
83	d2ovxa1	Alignment	not modelled	43.8	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain PDB entry: PDBe RCSB PDBj Fold: Zincin-like	ain
84	d1mmqa_	Alignment	not modelled	43.5	Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain PDB entry: PDBe RCSB PDBj PDB header:hydrolase	ain
85	<u>c3nqxA</u>	Alignment	not modelled	43.1	Chain: A: PDB Molecule:secreted metalloprotease mcp0 38 PDBTitle: crystal structure of vibriolysin mcp-02 mature of zinc2 metalloprotease from m4 family PDB Entry: PDBe RCSB PDBj Fold: Zincin-like	
86	<u>d1y93a1</u>	Alignment	not modelled	43.0	Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain PDB entry: PDBe RCSB PDBj PDB header:hydrolase	ain
87	c3nqzB_	Alignment	not modelled	42.7	Chain: B: PDB Molecule:secreted metalloprotease mcp0 38 PDBTitle: crystal structure of the autoprocessed vibriolys with e369a2 mutation PDB Entry: PDBe RCSB PDBj	
88	c3se6A_	Alignment	not modelled	42.6	PDB header:hydrolase Chain: A: PDB Molecule:endoplasmic reticulum aminope 16 PDBTitle: crystal structure of the human endoplasmic ret aminopeptidase 2 PDB Entry: PDBe RCSB PDBj	
89	<u>d1i76a_</u>	Alignment	not modelled	42.6	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain PDB entry: PDBe RCSB PDBj	ain
90	c2vqxA_	Alignment	not modelled	42.3	PDB header:hydrolase Chain: A: PDB Molecule:metalloproteinase; 63 PDBTitle: precursor of protealysin, metalloproteinase fro serratia2 proteamaculans. PDB Entry: PDBe RCSB PDBj	m
91	d1cgla_	Alignment	not modelled	42.2	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain PDB entry: PDBe RCSB PDBj Fold: Zincin like	ain
92	d1hy7a_	Alignment	not modelled	42.1	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain PDB entry: PDBe RCSB PDBj PDB header:hydrolase	ain
93	c2jsdA_	Alignment	not modelled	41.7	28 Chain: A: PDB Molecule:matrix metalloproteinase-20; PDBTitle: solution structure of mmp20 complexed with n PDB Entry: PDBe RCSB PDBj PDB header:hydrolase	ngh

96 <u>d1</u>	2ejqa1 1cxva_ lgaaA_	Alignment	not modelled	41.6	29	PDB Entry: PDBe RCSB PDBj Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: TTHA0227-like
	lgaaA_	_	not modelled			PDB entry: PDBe RCSB PDBi
97 <u>c4</u>				40.7	33	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain PDB entry: PDBe RCSB PDBi
	Leb6a	Alignment	not modelled	40.4	23	PDB header:hydrolase/hydrolase inhibitor Chain: A: PDB Molecule:mgc78867 protein; PDBTitle: structure of leukotriene a4 hydrolase from xenopus laevis complexed2 with inhibitor bestatin PDB Entry: PDBe RCSB PDBj
98 <u>d1</u>		Alignment	not modelled	40.3	33	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Fungal zinc peptidase PDB entry: PDBe RCSB PDBj
99 <u>c6</u>	5h56A_	Alignment	not modelled	39.8	16	PDB header:metal binding protein Chain: A: PDB Molecule:effector domain of pseudomonas aeruginosa vgrg2b; PDBTitle: effector domain of pseudomonas aeruginosa vgrg2b PDB Entry: PDBe RCSB PDBi
100 <u>c5</u>	 5th6D_	Alignment	not modelled	39.1	28	PDB header:hydrolase/hydrolase inhibitor Chain: D: PDB Molecule:matrix metalloproteinase-9,matrix metalloproteinase-9; PDBTitle: structure determination of a potent, selective antibody inhibitor of 2 human mmp9 (apo mmp9) PDB Entry: PDBe RCSB PDBj
101 <u>d1</u>	Lu4ga_	Alignment	not modelled	38.1	38	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Thermolysin-like PDB entry: PDBe RCSB PDBj
102 <u>c1</u>	Lsu3A_	Alignment	not modelled	37.9	33	PDB header:hydrolase Chain: A: PDB Molecule:interstitial collagenase; PDBTitle: x-ray structure of human prommp-1: new insights into2 collagenase action PDB Entry: PDBe RCSB PDBi
103 <u>d1</u>	Lkapp2	Alignment	not modelled	37.2	27	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Serralysin-like metalloprotease, catalytic (N-terminal) domain PDB entry: PDBe RCSB PDBi
104 <u>c3</u>	3p24C_	Alignment	not modelled	36.3	33	PDB header:hydrolase Chain: C: PDB Molecule:bft-3; PDBTitle: structure of profragilysin-3 from bacteroides fragilis PDB Entry: PDBe RCSB PDBj
105 <u>d1</u>	Leaka2	Alignment	not modelled	36.3	28	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain PDB entry: PDBe RCSB PDBi
106 <u>c6</u>	6yzeA_	Alignment	not modelled	35.9	38	PDB header:hydrolase Chain: A: PDB Molecule:zinc metalloproteinase; PDBTitle: zinc metalloprotease proa from native source PDB Entry: PDBe RCSB PDBj
107 <u>d3</u>	3b7sa3	Alignment	not modelled	35.9	19	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Leukotriene A4 hydrolase catalytic domain PDB entry: PDBe RCSB PDBj
108 <u>c2</u>	2xpyA_	Alignment	not modelled	35.4	38	PDB header:hydrolase Chain: A: PDB Molecule:leukotriene a-4 hydrolase; PDBTitle: structure of native leukotriene a4 hydrolase from saccharomyces2 cerevisiae PDB Entry: PDBe RCSB PDBj
109 <u>d1</u>	Lg9ka2	Alignment	not modelled	34.7	25	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Serralysin-like metalloprotease, catalytic (N-terminal) domain PDB entry: PDBe RCSB PDBj
110 <u>c6</u>		Alignment	not modelled	34.4	20	PDB header:hydrolase Chain: A: PDB Molecule:angiotensin-converting enzyme; PDBTitle: crystal structure of anopheles gambiae anoace2 in complex with2 fosinoprilat PDB Entry: PDBe RCSB PDBj
111 <u>c4</u> 1	lfgmA_	Alignment	not modelled	34.4	19	PDB header:hydrolase Chain: A: PDB Molecule:aminopeptidase n family protein; PDBTitle: crystal structure of the aminopeptidase n family protein q5qty1 from2 idiomarina loihiensis. northeast structural genomics consortium3 target ilr60. PDB Entry: PDBe RCSB PDBj
112 <u>c2</u>	2cltB_	Alignment	not modelled	34.0	28	PDB header:hydrolase Chain: B: PDB Molecule:interstitial collagenase; PDBTitle: crystal structure of the active form (full-length) of human2 fibroblast collagenase. PDB Entry: PDBe RCSB PDBj
113 <u>c4</u>	lg0dD_	Alignment	not modelled	33.6	22	PDB header:hydrolase Chain: D: PDB Molecule:collagenase 3; PDBTitle: human collagenase 3 (mmp-13) full form with peptides from pro-domain PDB Entry: PDBe RCSB PDBj
114 <u>c2</u> 2	x7mA_	Alignment	not modelled	33.6	36	PDB header:hydrolase Chain: A: PDB Molecule:archaemetzincin; PDBTitle: crystal structure of archaemetzincin (amza) from methanopyrus2 kandleri at 1.5 a resolution PDB Entry: PDBe RCSB PDBi
115 <u>c3</u>	3ciaA_	Alignment	not modelled	33.5	38	PDB header:hydrolase Chain: A: PDB Molecule:cold-active aminopeptidase; PDBTitle: crystal structure of cold-aminopeptidase from colwellia2 psychrerythraea PDB Entry: PDBe RCSB PDBj

116	<u>c3b7uX_</u>	Alignment	not modelled	33.3	23	Chain: X: PDB Molecule:leukotriene a-4 hydrolase; PDBTitle: leukotriene a4 hydrolase complexed with kelatorphan PDB Entry: PDBe RCSB PDBj
117	c3edhA_	Alignment	not modelled	33.3	57	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 PDB Entry: PDBe RCSB PDBj
118	d1fbla2	Alignment	not modelled	32.7	33	Fold: Zincin-like Superfamily: Metalloproteases ("zincins"), catalytic domain Family: Matrix metalloproteases, catalytic domain PDB entry: PDBe RCSB PDBj
119	clgxdA_	Alignment	not modelled	32.7	23	PDB header:hydrolase Chain: A: PDB Molecule:72 kda type iv collagenase; PDBTitle: prommp-2/timp-2 complex PDB Entry: PDBe RCSB PDBI
120	c3b4rA_	Alignment	not modelled	31.7	63	PDB header:hydrolase Chain: A: PDB Molecule:putative zinc metalloprotease mj0392; PDBTitle: site-2 protease from methanocaldococcus jannaschii PDB Entry: PDBe RCSB PDBj