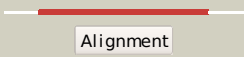
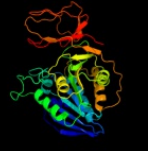
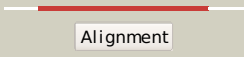

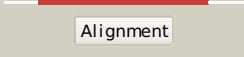

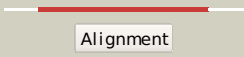



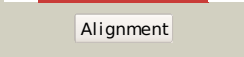
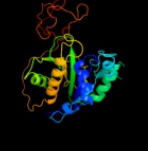
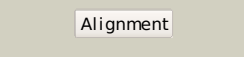
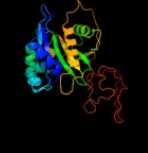
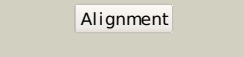
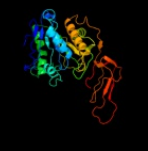
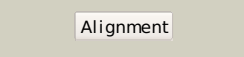

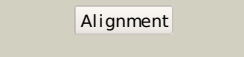
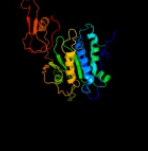
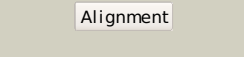












#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2g9da1	 Alignment		100.0	34	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: AstE/AspA-like
2	d1yw6a1	 Alignment		100.0	97	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: AstE/AspA-like
3	d2bcoa1	 Alignment		100.0	32	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: AstE/AspA-like
4	d1yw4a1	 Alignment		100.0	38	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: AstE/AspA-like
5	d2gu2a1	 Alignment		100.0	17	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: AstE/AspA-like
6	c3nh8A	 Alignment		100.0	23	PDB header: hydrolase Chain: A: PDB Molecule: aspartoacylase-2; PDBTitle: crystal structure of murine aminoacylase 3 in complex with n-acetyl-s-2 1,2-dichlorovinyl-l-cysteine
7	d2i3ca1	 Alignment		100.0	18	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: AstE/AspA-like
8	c3na6A	 Alignment		100.0	14	PDB header: hydrolase Chain: A: PDB Molecule: succinylglutamate desuccinylase/aspartoacylase; PDBTitle: crystal structure of a succinylglutamate desuccinylase (tm1040_2694)2 from silicibacter sp. tm1040 at 2.00 a resolution
9	c3cdxB	 Alignment		100.0	14	PDB header: hydrolase Chain: B: PDB Molecule: succinylglutamatedesuccinylase/aspartoacylase; PDBTitle: crystal structure of 2 succinylglutamatedesuccinylase/aspartoacylase from 3 rhodobacter sphaeroides
10	c3fmcC	 Alignment		100.0	21	PDB header: hydrolase Chain: C: PDB Molecule: putative succinylglutamate desuccinylase / aspartoacylase; PDBTitle: crystal structure of a putative succinylglutamate desuccinylase / 2 aspartoacylase family protein (sama_0604) from shewanella amazonensis sb2b at 1.80 a resolution
11	c2qj8B	 Alignment		100.0	16	PDB header: hydrolase Chain: B: PDB Molecule: mlr6093 protein; PDBTitle: crystal structure of an aspartoacylase family protein (mlr6093) from 2 mesorhizobium loti maff303099 at 2.00 a resolution

12	c2qvpC	Alignment		100.0	19	PDB header: hydrolase Chain: C: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of a putative metallopeptidase (sama_0725) from2 shewanella amazonensis sb2b at 2.00 a resolution
13	c3b2yB	Alignment		99.9	21	PDB header: hydrolase Chain: B: PDB Molecule: metallopeptidase containing co-catalytic metalloactive PDBTitle: crystal structure of a putative metallopeptidase (sden_2526) from2 shewanella denitrificans os217 at 1.74 a resolution
14	c3d4uA	Alignment		99.5	17	PDB header: hydrolase/hydrolase inhibitor Chain: A: PDB Molecule: carboxypeptidase b2; PDBTitle: bovine thrombin-activatable fibrinolysis inhibitor (tafia) in complex2 with tick-derived carboxypeptidase inhibitor.
15	dlz5ra1	Alignment		99.5	16	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: Pancreatic carboxypeptidases
16	dlkwma1	Alignment		99.5	19	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: Pancreatic carboxypeptidases
17	dlnsaa1	Alignment		99.5	20	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: Pancreatic carboxypeptidases
18	dlobra	Alignment		99.5	19	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: Carboxypeptidase T
19	c3mn8A	Alignment		99.4	20	PDB header: hydrolase Chain: A: PDB Molecule: lp15968p; PDBTitle: structure of drosophila melanogaster carboxypeptidase d isoform 1b2 short
20	dljqga1	Alignment		99.4	21	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: Pancreatic carboxypeptidases
21	dlh8la2	Alignment	not modelled	99.4	16	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: Pancreatic carboxypeptidases
22	dlm4la	Alignment	not modelled	99.4	21	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: Pancreatic carboxypeptidases
23	d2bo9a1	Alignment	not modelled	99.4	26	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: Pancreatic carboxypeptidases
24	c3l2nA	Alignment	not modelled	99.4	17	PDB header: hydrolase Chain: A: PDB Molecule: peptidase m14, carboxypeptidase a; PDBTitle: crystal structure of putative carboxypeptidase a (yp_562911.1) from2 shewanella denitrificans os-217 at 2.39 a resolution
25	clnsaA	Alignment	not modelled	99.4	20	PDB header: serine protease Chain: A: PDB Molecule: procarboxypeptidase b; PDBTitle: three-dimensional structure of porcine procarboxypeptidase2 b: a structural basis of its inactivity
26	dlayeal	Alignment	not modelled	99.4	21	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: Pancreatic carboxypeptidases
27	clh8lA	Alignment	not modelled	99.4	18	PDB header: carboxypeptidase Chain: A: PDB Molecule: carboxypeptidase gp180 residues 503-882; PDBTitle: duck carboxypeptidase d domain ii in complex with gemsA
28	d2c1ca1	Alignment	not modelled	99.4	20	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: Pancreatic carboxypeptidases
						PDB header: hydrolase

29	c1uwvA	Alignment	not modelled	99.3	22	Chain: A: PDB Molecule: carboxypeptidase m; PDBTitle: crystal structure of human carboxypeptidase m
30	d1uwya2	Alignment	not modelled	99.3	20	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: Pancreatic carboxypeptidases
31	c1jqgA	Alignment	not modelled	99.3	17	PDB header: hydrolase Chain: A: PDB Molecule: carboxypeptidase a; PDBTitle: crystal structure of the carboxypeptidase a from2 helicoverpa armigera
32	c2boaB	Alignment	not modelled	99.3	21	PDB header: hydrolase Chain: B: PDB Molecule: carboxypeptidase a4; PDBTitle: human procarboxypeptidase a4.
33	c3k2kA	Alignment	not modelled	99.3	17	PDB header: hydrolase Chain: A: PDB Molecule: putative carboxypeptidase; PDBTitle: crystal structure of putative carboxypeptidase (yp_103406.1) from2 burkholderia mallei atcc 23344 at 2.49 a resolution
34	c1ayeA	Alignment	not modelled	99.3	21	PDB header: serine protease Chain: A: PDB Molecule: procarboxypeptidase a2; PDBTitle: human procarboxypeptidase a2
35	c3dgvB	Alignment	not modelled	99.2	22	PDB header: hydrolase Chain: B: PDB Molecule: carboxypeptidase b2; PDBTitle: crystal structure of thrombin activatable fibrinolysis inhibitor2 (tafi)
36	c2nsmA	Alignment	not modelled	99.2	16	PDB header: hydrolase Chain: A: PDB Molecule: carboxypeptidase n catalytic chain; PDBTitle: crystal structure of the human carboxypeptidase n (kininase i)2 catalytic domain
37	d2q7sa1	Alignment	not modelled	96.3	15	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: FGase-like
38	c1cpbB	Alignment	not modelled	96.0	21	PDB header: hydrolase (c-terminal peptidase) Chain: B: PDB Molecule: carboxypeptidase b; PDBTitle: structure of carboxypeptidase b at 2.8 angstroms resolution
39	c1cpbA	Alignment	not modelled	95.5	12	PDB header: hydrolase (c-terminal peptidase) Chain: A: PDB Molecule: carboxypeptidase b; PDBTitle: structure of carboxypeptidase b at 2.8 angstroms resolution
40	d2odfa1	Alignment	not modelled	91.8	13	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: FGase-like
41	c1m6bA	Alignment	not modelled	43.1	9	PDB header: signaling protein, transferase Chain: A: PDB Molecule: receptor protein-tyrosine kinase erbb-3; PDBTitle: structure of the her3 (erbb3) extracellular domain
42	c1nqlA	Alignment	not modelled	40.7	11	PDB header: hormone/growth factor receptor Chain: A: PDB Molecule: epidermal growth factor receptor; PDBTitle: structure of the extracellular domain of human epidermal growth factor2 (egf) receptor in an inactive (low ph) complex with egf.
43	c3qayC	Alignment	not modelled	38.3	11	PDB header: lyase Chain: C: PDB Molecule: endolysin; PDBTitle: catalytic domain of cd27l endolysin targeting clostridia difficile
44	c3ltgA	Alignment	not modelled	38.3	19	PDB header: transferase/transferase regulator Chain: A: PDB Molecule: epidermal growth factor receptor; PDBTitle: crystal structure of the drosophila epidermal growth factor receptor2 ectodomain complexed with a low affinity spitz mutant
45	c3be1A	Alignment	not modelled	31.6	8	PDB header: transferase Chain: A: PDB Molecule: receptor tyrosine-protein kinase erbb-2; PDBTitle: dual specific bh1 fab in complex with the extracellular domain of2 her2/erbb-2
46	c3i2tA	Alignment	not modelled	30.0	19	PDB header: transferase Chain: A: PDB Molecule: epidermal growth factor receptor, isoform a; PDBTitle: crystal structure of the unliganded drosophila epidermal growth factor2 receptor ectodomain
47	d1jwqa	Alignment	not modelled	26.6	14	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: N-acetylmuramoyl-L-alanine amidase-like
48	c3p11A	Alignment	not modelled	21.5	11	PDB header: immune system Chain: A: PDB Molecule: receptor tyrosine-protein kinase erbb-3; PDBTitle: anti-egfr/her3 fab dl11 in complex with domains i-iii of the her32 extracellular region
49	c2q5cA	Alignment	not modelled	19.2	12	PDB header: transcription Chain: A: PDB Molecule: ntrc family transcriptional regulator; PDBTitle: crystal structure of ntrc family transcriptional regulator from2 clostridium acetobutylicum
50	c1bdeA	Alignment	not modelled	18.1	26	PDB header: aids Chain: A: PDB Molecule: vpr protein; PDBTitle: helical structure of polypeptides from the c-terminal half2 of hiv-1 vpr, nmr, 20 structures
51	c1xovA	Alignment	not modelled	18.0	16	PDB header: hydrolase Chain: A: PDB Molecule: ply protein; PDBTitle: the crystal structure of the listeria monocytogenes bacteriophage psa2 endolysin plympsa
52	d1xova2	Alignment	not modelled	17.7	15	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: N-acetylmuramoyl-L-alanine amidase-like
53	c2ahxB	Alignment	not modelled	17.2	8	PDB header: cell cycle,signaling protein Chain: B: PDB Molecule: receptor tyrosine-protein kinase erbb-4; PDBTitle: crystal structure of erbb4/her4 extracellular domain
54	c2hklB	Alignment	not modelled	15.9	16	PDB header: transferase Chain: B: PDB Molecule: l,d-transpeptidase; PDBTitle: crystal structure of enterococcus faecium l,d-2

						transpeptidase c442s mutant
55	c3czxA_	Alignment	not modelled	14.6	12	PDB header: hydrolase Chain: A: PDB Molecule: putative n-acetylmuramoyl-l-alanine amidase; PDBTitle: the crystal structure of the putative n-acetylmuramoyl-l-2 alanine amidase from neisseria meningitidis
56	c3lkxB_	Alignment	not modelled	13.3	13	PDB header: chaperone Chain: B: PDB Molecule: nascent polypeptide-associated complex subunit alpha; PDBTitle: human nac dimerization domain
57	d1no7a_	Alignment	not modelled	10.9	23	Fold: Major capsid protein VP5 Superfamily: Major capsid protein VP5 Family: Major capsid protein VP5
58	c1no7A_	Alignment	not modelled	10.9	23	PDB header: viral protein Chain: A: PDB Molecule: major capsid protein; PDBTitle: structure of the large protease resistant upper domain of2 vp5, the major capsid protein of herpes simplex virus-1
59	c1dsjA_	Alignment	not modelled	10.4	28	PDB header: viral peptide Chain: A: PDB Molecule: vpr protein; PDBTitle: nmr solution structure of vpr50_75, 20 structures
60	d2ix0a3	Alignment	not modelled	8.0	26	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
61	d2ihoa2	Alignment	not modelled	7.6	42	Fold: Cysteine proteinases Superfamily: Cysteine proteinases Family: MOA C-terminal domain-like
62	c1moxB_	Alignment	not modelled	7.2	11	PDB header: transferase/growth factor Chain: B: PDB Molecule: epidermal growth factor receptor; PDBTitle: crystal structure of human epidermal growth factor receptor (residues2 1-501) in complex with tgf-alpha
63	d1g5ba_	Alignment	not modelled	6.5	22	Fold: Metallo-dependent phosphatases Superfamily: Metallo-dependent phosphatases Family: Protein serine/threonine phosphatase
64	c1igrA_	Alignment	not modelled	6.5	28	PDB header: hormone receptor Chain: A: PDB Molecule: insulin-like growth factor receptor 1; PDBTitle: type 1 insulin-like growth factor receptor (domains 1-3)
65	d2grea2	Alignment	not modelled	6.1	11	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: Bacterial dinuclear zinc exopeptidases
66	c3pctA_	Alignment	not modelled	5.9	12	PDB header: hydrolase Chain: A: PDB Molecule: class c acid phosphatase; PDBTitle: structure of the class c acid phosphatase from pasteurella multocida
67	c3et4A_	Alignment	not modelled	5.7	12	PDB header: hydrolase Chain: A: PDB Molecule: outer membrane protein p4, nadp phosphatase; PDBTitle: structure of recombinant haemophilus influenzae e(p4) acid phosphatase