








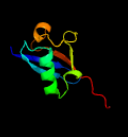







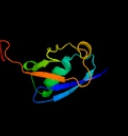






Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0290 (-) _353083_354501
Date	Tue Jul 23 14:50:35 BST 2019
Unique Job ID	f7d54976a69dbf90

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c4kv3A_	 Alignment		99.8	34	PDB header: protein transport Chain: A: PDB Molecule: chimera fusion protein of esx-1 secretion system protein PDBTitle: ubiquitin-like domain of the mycobacterium tuberculosis type vii2 secretion system protein eccd1 as maltose-binding protein fusion
2	c4hwiB_	 Alignment		97.5	22	PDB header: chaperone/apoptosis Chain: B: PDB Molecule: bag family molecular chaperone regulator 1; PDBTitle: crystal structure of atbag1 in complex with hsp70
3	c2klcA_	 Alignment		97.5	16	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: ubiquilin-1; PDBTitle: nmr solution structure of human ubiquitin-like domain of ubiquilin 1,2 northeast structural genomics consortium (nesg) target ht5a
4	c2dzmA_	 Alignment		97.3	13	PDB header: structural genomics unknown function Chain: A: PDB Molecule: fas-associated factor 1; PDBTitle: solution structure of the ubiquitin-like domain in human2 fas-associated factor 1 (hfaf1)
5	d1yqba1	 Alignment		97.2	15	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
6	d1j8ca_	 Alignment		97.2	20	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
7	d2bwfa1	 Alignment		97.0	14	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
8	c3goeA_	 Alignment		96.7	10	PDB header: recombination, replication Chain: A: PDB Molecule: dna repair protein rad60; PDBTitle: molecular mimicry of sumo promotes dna repair
9	c5ycaA_	 Alignment		96.7	14	PDB header: membrane protein Chain: A: PDB Molecule: ubiquitin-like protein smt3,bouquet formation protein 4; PDBTitle: crystal structure of inner membrane protein bqt4 in complex with lem2
10	d1v86a_	 Alignment		96.7	12	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
11	d1wx8a1	 Alignment		96.6	17	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related

12	c6gf2A_	Alignment		96.6	10	PDB header: immune system Chain: A: PDB Molecule: ubiquitin d; PDBTitle: the structure of the ubiquitin-like modifier fat10 reveals a novel2 targeting mechanism for degradation by the 26s proteasome
13	c2dajA_	Alignment		96.6	18	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: kiaa0977 protein; PDBTitle: solution structure of the novel identified ubiquitin-like2 domain in the human cobl-like 1 protein
14	d1v5oa_	Alignment		96.6	16	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
15	c2kd0A_	Alignment		96.5	16	PDB header: signaling protein Chain: A: PDB Molecule: lrr repeats and ubiquitin-like domain-containing PDBTitle: nmr solution structure of o64736 protein from arabidopsis2 thaliana. northeast structural genomics consortium mega3 target ar3445a
16	c2kzrA_	Alignment		96.5	23	PDB header: hydrolase Chain: A: PDB Molecule: ubiquitin thioesterase otu1; PDBTitle: solution nmr structure of ubiquitin thioesterase otu1 (ec 3.1.2.-)2 from mus musculus, northeast structural genomics consortium target3 mmt2a
17	d1v5ta_	Alignment		96.4	13	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
18	d1bt0a_	Alignment		96.3	15	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
19	c3m63B_	Alignment		96.3	15	PDB header: ligase/protein binding Chain: B: PDB Molecule: ubiquitin domain-containing protein dsk2; PDBTitle: crystal structure of ufd2 in complex with the ubiquitin-like (ub)2 domain of dsk2
20	d1wggg_	Alignment		96.1	10	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
21	c1yx5B_	Alignment	not modelled	96.0	10	PDB header: hydrolase Chain: B: PDB Molecule: ubiquitin; PDBTitle: solution structure of s5a uim-1/ubiquitin complex
22	d1wx7a1	Alignment	not modelled	96.0	18	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
23	d2uyzb1	Alignment	not modelled	96.0	11	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
24	d1v2ya_	Alignment	not modelled	96.0	17	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
25	d1wxva1	Alignment	not modelled	95.9	16	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
26	d1euvb_	Alignment	not modelled	95.9	16	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
27	c2mqjA_	Alignment	not modelled	95.9	16	PDB header: ligase Chain: A: PDB Molecule: ubiquitin-like protein; PDBTitle: solution structure of ubiquitin-like protein from caldiarchaeum2 subterraneum
28	c2bpsA_	Alignment	not modelled	95.8	16	PDB header: ubiquitin Chain: A: PDB Molecule: yukd protein; PDBTitle: ubiquitin-like protein yukd of bacillus subtilis
29	d1wh3a_	Alignment	not modelled	95.7	17	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like

						Family: Ubiquitin-related
30	d1a5ra_	Alignment	not modelled	95.6	11	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
31	c2ekeC_	Alignment	not modelled	95.6	16	PDB header: ligase/protein binding Chain: C: PDB Molecule: ubiquitin-like protein smt3; PDBTitle: structure of a sumo-binding-motif mimic bound to smt3p-2 ubc9p: conservation of a noncovalent ubiquitin-like3 protein-e2 complex as a platform for selective4 interactions within a sumo pathway
32	d1ud7a_	Alignment	not modelled	95.5	11	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
33	c5jp1B_	Alignment	not modelled	95.5	10	PDB header: hydrolase Chain: B: PDB Molecule: small ubiquitin-related modifier; PDBTitle: structure of xanthomonas campestris effector protein xopd bound to2 tomato sumo
34	c5y3tA_	Alignment	not modelled	95.2	15	PDB header: ligase Chain: A: PDB Molecule: ranbp-type and c3hc4-type zinc finger-containing protein 1; PDBTitle: crystal structure of hetero-trimeric core of lubac: hoip double-uba2 complexed with hoil-11 ubl and sharpin ubl
35	c1t0yA_	Alignment	not modelled	95.2	18	PDB header: chaperone Chain: A: PDB Molecule: tubulin folding cofactor b; PDBTitle: solution structure of a ubiquitin-like domain from tubulin-2 binding cofactor b
36	d1t0ya_	Alignment	not modelled	95.2	18	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
37	d1ttna1	Alignment	not modelled	95.2	3	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
38	c1ttnA_	Alignment	not modelled	95.2	3	PDB header: signaling protein Chain: A: PDB Molecule: dendritic cell-derived ubiquitin-like protein; PDBTitle: solution structure of the ubiquitin-like domain of human dc-2 ubp from dendritic cells
39	d1sifa_	Alignment	not modelled	95.1	12	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
40	d1wy8a1	Alignment	not modelled	94.8	17	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
41	c2jxxA_	Alignment	not modelled	94.8	17	PDB header: protein binding Chain: A: PDB Molecule: nfatc2-interacting protein; PDBTitle: nmr solution structure of ubiquitin-like domain of2 nfatc2ip. northeast structural genomics consortium target3 hr5627
42	c2kanA_	Alignment	not modelled	94.7	10	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein ar3433a; PDBTitle: solution nmr structure of ubiquitin-like domain of2 arabidopsis thaliana protein at2g32350. northeast3 structural genomics consortium target ar3433a
43	c2k8hA_	Alignment	not modelled	94.7	15	PDB header: signaling protein Chain: A: PDB Molecule: small ubiquitin protein; PDBTitle: solution structure of sumo from trypanosoma brucei
44	c2l76A_	Alignment	not modelled	94.7	16	PDB header: transcription Chain: A: PDB Molecule: nfatc2-interacting protein; PDBTitle: solution nmr structure of human nfatc2ip ubiquitin-like domain,2 nfatc2ip_244_338, nesg target ht65a/ocsp target hs00387_244_338/sgc-3 toronto
45	c2kj6A_	Alignment	not modelled	94.6	15	PDB header: chaperone Chain: A: PDB Molecule: tubulin folding cofactor b; PDBTitle: nmr solution structure of a tubulin folding cofactor b2 obtained from arabidopsis thaliana: northeast structural3 genomics consortium target ar3436a
46	c2n7dA_	Alignment	not modelled	94.5	17	PDB header: unknown function Chain: A: PDB Molecule: protein ddi1 homolog 2; PDBTitle: solution structure of the ubl domain of human ddi2
47	c5xqmA_	Alignment	not modelled	94.5	11	PDB header: signaling protein Chain: A: PDB Molecule: small ubiquitin-related modifier; PDBTitle: nmr solution structure of smo1, sumo homologue in caenorhabditis2 elegans
48	d1z2ma1	Alignment	not modelled	94.5	17	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
49	d1wz0a1	Alignment	not modelled	94.4	16	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
50	d1c3ta_	Alignment	not modelled	94.4	10	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
51	d1ndda_	Alignment	not modelled	94.4	16	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
52	d2zeqa1	Alignment	not modelled	94.3	12	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
53	c3a4rB_	Alignment	not modelled	94.3	17	PDB header: transcription Chain: B: PDB Molecule: nfatc2-interacting protein; PDBTitle: the crystal structure of sumo-like domain 2 in nip45
54	d1x1ma1	Alignment	not modelled	94.2	11	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related

55	c2mlbA	Alignment	not modelled	94.2	17	PDB header: de novo protein Chain: A: PDB Molecule: redesigned ubiquitin; PDBTitle: nmr solution structure of a computational designed protein based on2 template of human erythrocytic ubiquitin
56	c1oqyA	Alignment	not modelled	94.0	9	PDB header: replication Chain: A: PDB Molecule: uv excision repair protein rad23 homolog a; PDBTitle: structure of the dna repair protein hhr23a
57	d1zkha1	Alignment	not modelled	94.0	14	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
58	c2k25A	Alignment	not modelled	93.9	12	PDB header: unknown function Chain: A: PDB Molecule: ubb; PDBTitle: automated nmr structure of the ubb by fapsy
59	c3tixA	Alignment	not modelled	93.9	16	PDB header: gene regulation/protein binding Chain: A: PDB Molecule: ubiquitin-like protein smt3,rna-induced transcriptional PDBTitle: crystal structure of the chp1-tas3 complex core
60	d1wm3a	Alignment	not modelled	93.8	15	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
61	c3pgeA	Alignment	not modelled	93.6	16	PDB header: dna binding protein Chain: A: PDB Molecule: sumo-modified proliferating cell nuclear antigen; PDBTitle: structure of sumoylated pcna
62	c2dziA	Alignment	not modelled	93.6	16	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: ubiquitin-like protein 4a; PDBTitle: 2dzi/solution structure of the n-terminal ubiquitin-like2 domain in human ubiquitin-like protein 4a (gdx)
63	c3q3fA	Alignment	not modelled	93.5	7	PDB header: hydrolase, protein binding Chain: A: PDB Molecule: ribonuclease/ubiquitin chimeric protein; PDBTitle: engineering domain-swapped binding interfaces by mutually exclusive2 folding: insertion of ubiquitin into position 103 of barnase
64	d1v6ea	Alignment	not modelled	93.5	20	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
65	d2io3b1	Alignment	not modelled	93.3	20	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
66	c2inpE	Alignment	not modelled	93.2	14	PDB header: oxidoreductase Chain: E: PDB Molecule: phenol hydroxylase component pho; PDBTitle: structure of the phenol hydroxylase-regulatory protein2 complex
67	c2ojrA	Alignment	not modelled	93.0	10	PDB header: protein binding Chain: A: PDB Molecule: ubiquitin; PDBTitle: structure of ubiquitin solved by sad using the lanthanide-binding tag
68	c2kdiA	Alignment	not modelled	92.9	12	PDB header: signaling protein Chain: A: PDB Molecule: ubiquitin, vacuolar protein sorting-associated PDBTitle: solution structure of a ubiquitin/uim fusion protein
69	c2I7rA	Alignment	not modelled	92.8	21	PDB header: protein binding Chain: A: PDB Molecule: ubiquitin-like protein fubi; PDBTitle: solution nmr structure of n-terminal ubiquitin-like domain of fubi, a2 ribosomal protein s30 precursor from homo sapiens. northeast3 structural genomics consortium (nesg) target hr6166
70	d1wjua	Alignment	not modelled	92.7	10	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
71	d1we6a	Alignment	not modelled	92.7	14	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
72	d1uela	Alignment	not modelled	92.6	14	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
73	d1we7a	Alignment	not modelled	92.6	17	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
74	c2pjhA	Alignment	not modelled	92.4	17	PDB header: transport protein Chain: A: PDB Molecule: nuclear protein localization protein 4 homolog; PDBTitle: strctural model of the p97 n domain- npl4 ubd complex
75	c3m62B	Alignment	not modelled	92.2	14	PDB header: ligase/protein binding Chain: B: PDB Molecule: uv excision repair protein rad23; PDBTitle: crystal structure of ufd2 in complex with the ubiquitin-like (ubl)2 domain of rad23
76	d2faza1	Alignment	not modelled	92.2	16	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
77	d1iyfa	Alignment	not modelled	91.8	13	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
78	c2kxjA	Alignment	not modelled	91.7	19	PDB header: protein binding Chain: A: PDB Molecule: ubx domain-containing protein 4; PDBTitle: solution structure of ubx domain of human ubxd2 protein
79	c5gjlA	Alignment	not modelled	90.7	17	PDB header: protein binding Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution structure of sumo from plasmodium falciparum
80	d1ogwa	Alignment	not modelled	90.3	7	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
						Fold: beta-Grasp (ubiquitin-like)

81	d1p1aa_	Alignment	not modelled	89.6	11	Superfamily: Ubiquitin-like Family: Ubiquitin-related
82	c2mbeA_	Alignment	not modelled	89.3	18	PDB header: protein binding Chain: A: PDB Molecule: ubiquitin d; PDBTitle: backbone 1h and 15n chemical shift assignments for the first domain of2 fat10
83	c2mx2A_	Alignment	not modelled	88.6	12	PDB header: hydrolase Chain: A: PDB Molecule: deubiquitinating protein vcip135; PDBTitle: ubx-l domain of vcip135
84	d1oqya4	Alignment	not modelled	88.3	11	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
85	c4dbgA_	Alignment	not modelled	88.3	15	PDB header: ligase Chain: A: PDB Molecule: ranbp-type and c3hc4-type zinc finger-containing protein 1; PDBTitle: crystal structure of hoil-1l-ubl complexed with a hoip-uba derivative
86	c5y3tC_	Alignment	not modelled	87.9	27	PDB header: ligase Chain: C: PDB Molecule: sharpin; PDBTitle: crystal structure of hetero-trimeric core of lubac: hoip double-uba2 complexed with hoil-1l ubl and sharpin ubl
87	d1z2ma2	Alignment	not modelled	87.7	12	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
88	c2kk8A_	Alignment	not modelled	87.7	12	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein at4g05270; PDBTitle: nmr solution structure of a putative uncharacterized protein2 obtained from arabidopsis thaliana: northeast structural3 genomics consortium target ar3449a
89	c4b6wA_	Alignment	not modelled	87.5	18	PDB header: chaperone Chain: A: PDB Molecule: tubulin-specific chaperone; PDBTitle: architecture of trypanosoma brucei tubulin-binding cofactor b
90	d2al3a1	Alignment	not modelled	87.3	19	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: UBX domain
91	c2kmaA_	Alignment	not modelled	87.1	12	PDB header: structural protein Chain: A: PDB Molecule: tal1n 1; PDBTitle: nmr structure of the f0f1 double domain (residues 1-202) of2 the talin ferm domain
92	c2mrpA_	Alignment	not modelled	86.6	16	PDB header: ubiquitin-binding protein Chain: A: PDB Molecule: dna damage-inducible protein 1; PDBTitle: nmr solution structure of the ubiquitin like domain (ubl) of dna-2 damage-inducible 1 protein (ddi1)
93	c4k95G_	Alignment	not modelled	86.0	12	PDB header: ligase Chain: G: PDB Molecule: e3 ubiquitin-protein ligase parkin; PDBTitle: crystal structure of parkin
94	c2lrwA_	Alignment	not modelled	85.4	9	PDB header: cell cycle Chain: A: PDB Molecule: ubiquitin, putative; PDBTitle: solution structure of a ubiquitin-like protein from trypanosoma brucei
95	c2kc2A_	Alignment	not modelled	83.6	17	PDB header: structural protein Chain: A: PDB Molecule: tal1n-1; PDBTitle: nmr structure of the f1 domain (residues 86-202) of the2 talin
96	c2n9pC_	Alignment	not modelled	83.5	16	PDB header: ligase Chain: C: PDB Molecule: large proline-rich protein bag6; PDBTitle: solution structure of rnf126 n-terminal zinc finger domain in complex2 with bag6 ubiquitin-like domain
97	d1wjna_	Alignment	not modelled	82.3	22	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
98	c2w9nA_	Alignment	not modelled	81.8	11	PDB header: cell cycle Chain: A: PDB Molecule: ubiquitin; PDBTitle: crystal structure of linear di-ubiquitin
99	c6a42A_	Alignment	not modelled	80.5	10	PDB header: dna binding protein Chain: A: PDB Molecule: rna-directed dna polymerase homolog (r1),polyubiquitin-c; PDBTitle: r1en(5-223)-ubiquitin fusion
100	c6mdhA_	Alignment	not modelled	79.7	13	PDB header: signaling protein Chain: A: PDB Molecule: ubiquitin-like protein isg15; PDBTitle: x-ray crystal structure of isg15 from myotis davidii
101	c2kjrA_	Alignment	not modelled	79.2	19	PDB header: chaperone Chain: A: PDB Molecule: cg11242; PDBTitle: solution nmr structure of the n-terminal ubiquitin-like2 domain from tubulin-binding cofactor b, cg11242, from3 drosophila melanogaster. northeast structural genomics4 consortium target fr629a (residues 8-92)
102	d1wx9a1	Alignment	not modelled	78.2	20	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
103	c3ivfA_	Alignment	not modelled	78.2	14	PDB header: structural protein Chain: A: PDB Molecule: tal1n-1; PDBTitle: crystal structure of the talin head ferm domain
104	c1qzeA_	Alignment	not modelled	77.7	9	PDB header: replication Chain: A: PDB Molecule: uv excision repair protein rad23 homolog a; PDBTitle: hhr23a protein structure based on residual dipolar coupling2 data
105	c1z2mA_	Alignment	not modelled	75.7	13	PDB header: signaling protein Chain: A: PDB Molecule: interferon, alpha-inducible protein (clone ifi- PDBTitle: crystal structure of isg15, the interferon-induced2 ubiquitin cross reactive protein Fold: beta-Grasp (ubiquitin-like)

106	d1h8ca_	Alignment	not modelled	75.5	16	Superfamily: Ubiquitin-like Family: UBX domain
107	d1wiaa_	Alignment	not modelled	75.3	12	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
108	c5xq0B_	Alignment	not modelled	74.7	12	PDB header: signaling protein Chain: B; PDB Molecule: fermitin family homolog 2,integrin beta-1; PDBTitle: structural basis of kindlin-mediated integrin recognition and2 activation
109	c5chfB_	Alignment	not modelled	74.4	10	PDB header: antiviral protein Chain: B; PDB Molecule: ubiquitin-like protein isg15; PDBTitle: crystal structure of murine isg15 in space group p21212
110	c2kdbA_	Alignment	not modelled	66.3	11	PDB header: protein binding Chain: A; PDB Molecule: homocysteine-responsive endoplasmic reticulum-resident PDBTitle: solution structure of human ubiquitin-like domain of herpud2_9_85,2 northeast structural genomics consortium (nesg) target ht53a
111	c5b83A_	Alignment	not modelled	63.8	12	PDB header: signaling protein Chain: A; PDB Molecule: tetra ubiquitin; PDBTitle: crystal structure of optineurin uban in complex with linear ubiquitin
112	c5n9vA_	Alignment	not modelled	59.1	15	PDB header: transferase Chain: A; PDB Molecule: nad(p)(+)--arginine adp-ribosyltransferase; PDBTitle: nmr solution structure of ubl5 domain from polyubiquitin locus of2 t.thermophila.
113	d1y8xb1	Alignment	not modelled	58.4	18	Fold: Activating enzymes of the ubiquitin-like proteins Superfamily: Activating enzymes of the ubiquitin-like proteins Family: Ubiquitin activating enzymes (UBA)
114	c3v7oB_	Alignment	not modelled	58.1	13	PDB header: transcription Chain: B; PDB Molecule: minor nucleoprotein vp30; PDBTitle: crystal structure of the c-terminal domain of ebola virus vp30 (strain2 reston-89)
115	c2dzkA_	Alignment	not modelled	56.9	18	PDB header: structural genomics, unknown function Chain: A; PDB Molecule: ubx domain-containing protein 2; PDBTitle: structure of the ubx domain in mouse ubx domain-containing2 protein 2
116	d2c9wb1	Alignment	not modelled	52.3	9	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
117	c3ai5A_	Alignment	not modelled	52.0	10	PDB header: fluorescent protein, transcription Chain: A; PDB Molecule: yeast enhanced green fluorescent protein,ubiquitin; PDBTitle: crystal structure of yeast enhanced green fluorescent protein-2 ubiquitin fusion protein
118	d2fnjb1	Alignment	not modelled	50.0	11	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
119	c5nsaA_	Alignment	not modelled	49.9	15	PDB header: transport protein Chain: A; PDB Molecule: transcobalamin-2; PDBTitle: beta domain of human transcobalamin bound to co-beta-[2-(2,4-2 difluorophenyl)ethylinyl]cobalamin
120	d1i42a_	Alignment	not modelled	45.7	9	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: UBX domain