




















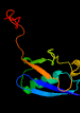
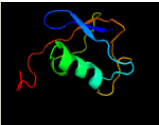

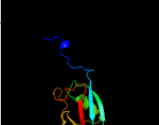
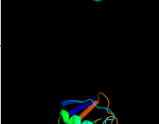







Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3877 (-)_4355185_4356720
Date	Sat Aug 10 22:05:06 BST 2019
Unique Job ID	101aeca25a0345eb

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c4kv3A_	 Alignment		99.7	100	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	d1j8ca_	 Alignment		97.1	18	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
3	c2klcA_	 Alignment		96.7	18	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	d1yqba1	 Alignment		96.4	20	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
5	c2dzmA_	 Alignment		96.3	9	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)
6	c4hwiB_	 Alignment		96.1	20	PDB header: chaperone/apoptosis Chain: B: PDB Molecule: bag family molecular chaperone regulator 1; PDBTitle: crystal structure of atbag1 in complex with hsp70
7	c2kmaA_	 Alignment		95.6	17	PDB header: structural protein Chain: A: PDB Molecule: talin 1; PDBTitle: nmr structure of the f0f1 double domain (residues 1-202) of2 the talin ferm domain
8	d1v86a_	 Alignment		95.5	13	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
9	d2bwfa1	 Alignment		95.5	14	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
10	d1wx7a1	 Alignment		95.3	20	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
11	c5ycaA_	 Alignment		95.3	13	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

12	c2kzrA	Alignment		95.1	18	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
13	c2kd0A	Alignment		94.9	15	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
14	d1a5ra	Alignment		94.9	5	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
15	d1v5oa	Alignment		94.6	15	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
16	d1wx8a1	Alignment		94.6	17	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
17	c3m63B	Alignment		94.6	18	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 (ubl)2 domain of dsk2
18	c3goeA	Alignment		94.2	8	PDB header: recombination, replication Chain: A: PDB Molecule: dna repair protein rad60; PDBTitle: molecular mimicry of sumo promotes dna repair
19	c2k8hA	Alignment		93.9	13	PDB header: signaling protein Chain: A: PDB Molecule: small ubiquitin protein; PDBTitle: solution structure of sumo from trypanosoma brucei
20	d1v5ta	Alignment		93.8	9	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
21	c1yx5B	Alignment	not modelled	93.8	16	PDB header: hydrolase Chain: B: PDB Molecule: ubiquitin; PDBTitle: solution structure of s5a uim-1/ubiquitin complex
22	d1euvb	Alignment	not modelled	93.6	10	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
23	d1bt0a	Alignment	not modelled	93.5	14	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
24	c2bpsA	Alignment	not modelled	93.3	22	PDB header: ubiquitin Chain: A: PDB Molecule: yukd protein; PDBTitle: ubiquitin-like protein yukd of bacillus subtilis
25	c2ekeC	Alignment	not modelled	93.3	12	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
26	c5y3tA	Alignment	not modelled	93.3	16	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-1l ubl and sharpin ubl
27	d1ud7a	Alignment	not modelled	93.2	15	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
28	d1wz0a1	Alignment	not modelled	92.9	8	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related

29	d1wy8a1	Alignment	not modelled	92.9	19	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
30	d1wh3a_	Alignment	not modelled	92.8	9	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
31	d1wgga_	Alignment	not modelled	92.7	16	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
32	c6gf2A_	Alignment	not modelled	92.7	17	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
33	c5jp1B_	Alignment	not modelled	92.5	11	PDB header: hydrolase Chain: B: PDB Molecule: small ubiquitin-related modifier; PDBTitle: structure of xanthomonas campestris effector protein xopd bound to2 tomato sumo
34	c1ttnA_	Alignment	not modelled	92.0	13	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
35	d1ttna1	Alignment	not modelled	92.0	13	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
36	d1t0ya_	Alignment	not modelled	91.8	20	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
37	c1t0yA_	Alignment	not modelled	91.8	20	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
38	c2kj6A_	Alignment	not modelled	91.7	13	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
39	c2dziA_	Alignment	not modelled	91.6	18	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)
40	c2dajA_	Alignment	not modelled	91.6	20	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
41	d1we6a_	Alignment	not modelled	91.0	19	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
42	c5xqmA_	Alignment	not modelled	91.0	5	PDB header: signaling protein Chain: A: PDB Molecule: small ubiquitin-related modifier; PDBTitle: nmr solution structure of smo1, sumo homologue in caenorhabditis2 elegans
43	c2kxjA_	Alignment	not modelled	90.9	10	PDB header: protein binding Chain: A: PDB Molecule: ubx domain-containing protein 4; PDBTitle: solution structure of ubx domain of human ubxd2 protein
44	d1v2ya_	Alignment	not modelled	90.8	9	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
45	c2mqjA_	Alignment	not modelled	90.8	18	PDB header: ligase Chain: A: PDB Molecule: ubiquitin-like protein; PDBTitle: solution structure of ubiquitin-like protein from caldiarchaem2 subterraneum
46	d1ndda_	Alignment	not modelled	90.7	14	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
47	d1zkha1	Alignment	not modelled	90.7	15	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
48	d1wxva1	Alignment	not modelled	90.6	19	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
49	d2zeqa1	Alignment	not modelled	90.4	8	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
50	d2uyzb1	Alignment	not modelled	90.4	1	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
51	d1wm3a_	Alignment	not modelled	90.4	10	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
52	c2k25A_	Alignment	not modelled	90.3	14	PDB header: unknown function Chain: A: PDB Molecule: ubb; PDBTitle: automated nmr structure of the ubb by fapsy
53	d1sifa_	Alignment	not modelled	90.1	15	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
54	d1c3ta_	Alignment	not modelled	90.0	14	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
55	c2inpE_	Alignment	not modelled	90.0	22	PDB header: oxidoreductase Chain: E: PDB Molecule: phenol hydroxylase component pho; PDBTitle: structure of the phenol hydroxylase-regulatory protein2

						complex
56	d2io3b1	Alignment	not modelled	89.3	8	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
57	d1x1ma1	Alignment	not modelled	88.9	20	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
58	c2l76A_	Alignment	not modelled	88.8	12	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
59	c2kanA_	Alignment	not modelled	88.5	12	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
60	d1wjua_	Alignment	not modelled	88.3	10	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
61	c3tixA_	Alignment	not modelled	88.2	9	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
62	c2mlbA_	Alignment	not modelled	88.2	19	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
63	c3q3fA_	Alignment	not modelled	87.8	19	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	d1z2ma1	Alignment	not modelled	87.2	18	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
65	d1v6ea_	Alignment	not modelled	87.0	13	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
66	d1we7a_	Alignment	not modelled	86.9	16	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
67	c2kdiA_	Alignment	not modelled	86.7	14	PDB header: signaling protein Chain: A: PDB Molecule: ubiquitin, vacuolar protein sorting-associated PDBTitle: solution structure of a ubiquitin/uim fusion protein
68	c2jxxA_	Alignment	not modelled	86.7	15	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
69	c3pgeA_	Alignment	not modelled	86.4	10	PDB header: dna binding protein Chain: A: PDB Molecule: sumo-modified proliferating cell nuclear antigen; PDBTitle: structure of sumoylated pcna
70	c2n7dA_	Alignment	not modelled	86.3	12	PDB header: unknown function Chain: A: PDB Molecule: protein ddi1 homolog 2; PDBTitle: solution structure of the ubl domain of human ddi2
71	c1oqyA_	Alignment	not modelled	86.2	11	PDB header: replication Chain: A: PDB Molecule: uv excision repair protein rad23 homolog a; PDBTitle: structure of the dna repair protein hhr23a
72	d1uela_	Alignment	not modelled	85.8	11	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
73	c4dbgA_	Alignment	not modelled	84.6	18	PDB header: ligase Chain: A: PDB Molecule: ranbp-type and c3hc4-type zinc finger-containing protein 1; PDBTitle: crystal structure of hoil-1-ubl complexed with a hoip-uba derivative
74	c2pjhA_	Alignment	not modelled	84.6	17	PDB header: transport protein Chain: A: PDB Molecule: nuclear protein localization protein 4 homolog; PDBTitle: structural model of the p97 n domain- npl4 ubd complex
75	d1iyfa_	Alignment	not modelled	83.9	8	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
76	c2kc2A_	Alignment	not modelled	83.4	27	PDB header: structural protein Chain: A: PDB Molecule: taln-1; PDBTitle: nmr structure of the f1 domain (residues 86-202) of the2 taln
77	c3m62B_	Alignment	not modelled	83.2	13	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
78	c2l7rA_	Alignment	not modelled	82.3	13	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
79	c3a4rB_	Alignment	not modelled	81.7	13	PDB header: transcription Chain: B: PDB Molecule: nfatc2-interacting protein; PDBTitle: the crystal structure of sumo-like domain 2 in nip45
80	d2al3a1	Alignment	not modelled	81.2	18	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: UBX domain

81	c2mbeA	Alignment	not modelled	80.9	15	PDB header: protein binding Chain: A: PDB Molecule: ubiquitin d; PDBTitle: backbone 1h and 15n chemical shift assignments for the first domain of2 fat10
82	c5y3tC	Alignment	not modelled	80.4	23	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
83	c2mx2A	Alignment	not modelled	79.8	10	PDB header: hydrolase Chain: A: PDB Molecule: deubiquitinating protein vcip135; PDBTitle: ubx-l domain of vcip135
84	c2ojrA	Alignment	not modelled	79.6	18	PDB header: protein binding Chain: A: PDB Molecule: ubiquitin; PDBTitle: structure of ubiquitin solved by sad using the lanthanide-binding tag
85	d1p1aa	Alignment	not modelled	78.1	8	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
86	c6a42A	Alignment	not modelled	77.1	14	PDB header: dna binding protein Chain: A: PDB Molecule: rna-directed dna polymerase homolog (r1),polyubiquitin-c; PDBTitle: r1en(5-223)-ubiquitin fusion
87	c5gjlA	Alignment	not modelled	76.6	12	PDB header: protein binding Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution structure of sumo from plasmodium falciparum
88	d1z2ma2	Alignment	not modelled	76.4	10	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
89	d1wjna	Alignment	not modelled	76.2	16	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
90	c2kk8A	Alignment	not modelled	76.1	10	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
91	d1ogwa	Alignment	not modelled	75.9	10	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
92	c3lvfA	Alignment	not modelled	75.1	15	PDB header: structural protein Chain: A: PDB Molecule: taln-1; PDBTitle: crystal structure of the talin head ferm domain
93	d2faza1	Alignment	not modelled	75.0	15	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
94	c3v7oB	Alignment	not modelled	74.0	9	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)
95	c2dzkA	Alignment	not modelled	73.6	11	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
96	c4b6wA	Alignment	not modelled	73.3	14	PDB header: chaperone Chain: A: PDB Molecule: tubulin-specific chaperone; PDBTitle: architecture of trypanosoma brucei tubulin-binding cofactor b
97	d1oqya4	Alignment	not modelled	72.7	10	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
98	c4k95G	Alignment	not modelled	71.5	12	PDB header: ligase Chain: G: PDB Molecule: e3 ubiquitin-protein ligase parkin; PDBTitle: crystal structure of parkin
99	c2mrpA	Alignment	not modelled	67.1	18	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)
100	c6mdhA	Alignment	not modelled	63.4	8	PDB header: signaling protein Chain: A: PDB Molecule: ubiquitin-like protein isg15; PDBTitle: x-ray crystal structure of isg15 from myotis davidii
101	c2lrwA	Alignment	not modelled	62.9	13	PDB header: cell cycle Chain: A: PDB Molecule: ubiquitin, putative; PDBTitle: solution structure of a ubiquitin-like protein from trypanosoma brucei
102	c2w9nA	Alignment	not modelled	62.9	16	PDB header: cell cycle Chain: A: PDB Molecule: ubiquitin; PDBTitle: crystal structure of linear di-ubiquitin
103	c1qzeA	Alignment	not modelled	59.1	12	PDB header: replication Chain: A: PDB Molecule: uv excision repair protein rad23 homolog a; PDBTitle: hhr23a protein structure based on residual dipolar coupling2 data
104	d1y8xb1	Alignment	not modelled	57.1	24	Fold: Activating enzymes of the ubiquitin-like proteins Superfamily: Activating enzymes of the ubiquitin-like proteins Family: Ubiquitin activating enzymes (UBA)
105	d1wgha	Alignment	not modelled	47.4	9	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
106	c2kjrA	Alignment	not modelled	47.3	14	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)
107	c1z2mA_	Alignment	not modelled	46.6	16	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
108	d1wx9a1	Alignment	not modelled	45.9	18	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ubiquitin-related
109	d1h8ca_	Alignment	not modelled	44.7	13	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: UBX domain
110	c5chfB_	Alignment	not modelled	42.5	13	PDB header: antiviral protein Chain: B: PDB Molecule: ubiquitin-like protein isg15; PDBTitle: crystal structure of murine isg15 in space group p21212
111	c3ai5A_	Alignment	not modelled	41.6	15	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
112	c5b83A_	Alignment	not modelled	40.1	17	PDB header: signaling protein Chain: A: PDB Molecule: tetra ubiquitin; PDBTitle: crystal structure of optineurin uban in complex with linear ubiquitin
113	c2n9pC_	Alignment	not modelled	39.8	18	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
114	c5xq0B_	Alignment	not modelled	38.0	15	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
115	c5nsaA_	Alignment	not modelled	37.9	25	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)ethinyl]cobalamin
116	d1vjka_	Alignment	not modelled	37.8	14	Fold: beta-Grasp (ubiquitin-like) Superfamily: MoaD/ThiS Family: MoaD
117	c2kdbA_	Alignment	not modelled	34.4	14	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
118	c2qieB_	Alignment	not modelled	33.6	10	PDB header: transferase Chain: B: PDB Molecule: molybdopterin synthase small subunit; PDBTitle: staphylococcus aureus molybdopterin synthase in complex with precursor2 z
119	c3po0A_	Alignment	not modelled	33.4	17	PDB header: protein binding Chain: A: PDB Molecule: small archaeal modifier protein 1; PDBTitle: crystal structure of samp1 from haloferax volcanii
120	d1i42a_	Alignment	not modelled	31.6	12	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: UBX domain