

HOME



MAX-PLANCK-GESSELLSCHAFT

Show results of job:

Recent jobs:

Select all Deselect all  
  
  

queued
running
done
error

[Login](#) | 
 [PDBAlert](#) | 
 [Personal Databases](#) | 
 [Contact](#) | 
 [Tool Versions](#) | 
 [Imprint](#) | 
 [Disclaimer](#) | 
 [Help](#)

# Bioinformatics Toolkit

Max-Planck Institute for Developmental Biology

Quickfinder

[Search](#) | 
 [Alignment](#) | 
 [Sequence Analysis](#) | 
 [2ary Structure](#) | 
 [3ary Structure](#) | 
 [Classification](#) | 
 [Utils](#)

[CS-BLAST](#) | 
 [HHblits](#) | 
 [HHpred](#) | 
 [HHsenser](#) | 
 [HMMER3](#) | 
 [PatternSearch](#) | 
 [ProtBLAST](#) | 
 [PSI-BLAST](#) | 
 [SimShiftDB](#)  
[New job](#) | 
[Resubmit](#) | 
[Resubmit\\_HMM](#) | 
[Resubmit/HHsenser](#) | 
[Realign](#) | 
[Log](#) | 
[Input-params](#) | 
[Delete](#)

HHpred - Results Job-ID: 4234647 Date: 14:24 on Mar 21 2014

[Help](#)

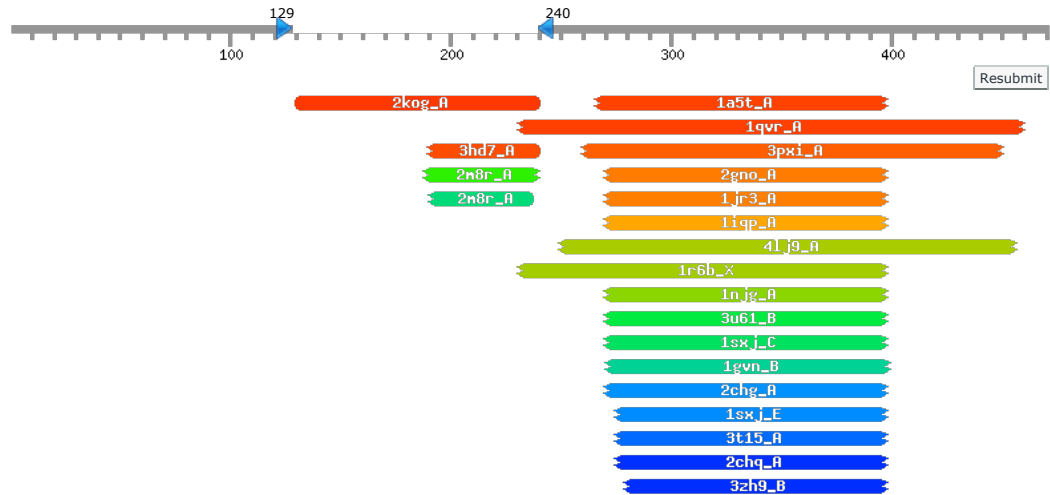
[Results](#) | 
 [Histogram](#) | 
 [Reduced alignment](#) | 
 [Representative alignment](#) | 
 [Full alignment](#)  
[Create model](#) | 
[Merge Q/T alignments](#) | 
[Forward to PCoils](#) | 
[Forward HMM](#) | 
[Save](#) | 
[Export](#)

Color alignments

color only SS | 
  color alignments | 
  color alignments

[View alignment](#)

\*Note\*: click [PDBAlert](#) to upload your query sequence and get alerted by email as soon as better PDB templates get available.



HHpred has detected hits to coiled coil-containing proteins. You may consider running a PCOILS prediction on your query.

Query lull1 (seq=MADSGLEPQ...SSIEQGCLF Len=470 Neff=3.6 Nseqs=81)  
 Parameters score SS:yes search:local realign with MAP:no

No	Hit	Prob	E-value	P-value	Score	SS	Cols	Query	HMM	Template	HMM
<input type="checkbox"/>	1 2kog_A Vesicle-associated memb	95.3	0.015	4.6E-07	50.7	4.2	112	129-240		1-119	(119)
<input type="checkbox"/>	2 1qvr_A CLPB protein; coiled co	94.6	0.55	1.7E-05	52.2	15.0	206	231-459		526-756	(854)
<input type="checkbox"/>	3 1a5t_A Delta prime, HOLB; zinc	94.4	0.2	6.2E-06	48.2	9.7	122	266-397		4-144	(334)
<input type="checkbox"/>	4 3hd7_A Vesicle-associated memb	93.5	0.2	6.2E-06	41.5	6.8	51	190-240		39-91	(91)
<input type="checkbox"/>	5 3pxi_A Negative regulator of g	92.0	2.9	9E-05	46.3	15.4	174	260-449		487-673	(758)
<input type="checkbox"/>	6 2gno_A DNA polymerase III, gam	89.5	1	3.2E-05	42.7	7.9	116	270-397		2-118	(305)
<input type="checkbox"/>	7 1jr3_A DNA polymerase III subu	89.3	2.3	7.1E-05	41.2	10.2	115	270-397		21-155	(373)
<input type="checkbox"/>	8 1iqp_A RFCS; clamp loader, ext	85.9	2.9	9.1E-05	39.7	8.6	116	270-397		30-146	(327)
<input type="checkbox"/>	9 4lj9_A Chaperone protein CLPB;	80.0	11	0.00036	37.1	10.4	186	250-455		29-238	(339)
<input type="checkbox"/>	10 1r6b_X CLPA protein; AAA+, N-t	79.7	38	0.0012	37.8	15.4	157	231-397		426-604	(758)
<input type="checkbox"/>	11 1njg_A DNA polymerase III subu	78.2	13	0.00041	34.4	9.7	117	270-397		28-162	(250)
<input type="checkbox"/>	12 2m8r_A Syntaxin-1A; snare, pre	72.7	10	0.00032	31.6	6.7	52	188-239		46-108	(109)
<input type="checkbox"/>	13 3u6l_B DNA polymerase accessor	66.1	27	0.00084	32.8	8.9	104	270-397		31-142	(324)
<input type="checkbox"/>	14 1sxj_C Activator 1 40 kDa subu	64.4	15	0.00047	35.3	7.0	116	270-397		30-146	(340)
<input type="checkbox"/>	15 2m8r_A Syntaxin-1A; snare, pre	62.9	3.3	0.0001	34.6	1.8	47	191-237		63-109	(109)
<input type="checkbox"/>	16 1gvn_B Zeta; postsegregational	61.2	1.1E+02	0.0034	28.2	12.5	118	271-398		10-146	(287)
<input type="checkbox"/>	17 2chg_A Replication factor C sm	52.3	62	0.0019	28.6	8.3	116	270-397		22-138	(226)
<input type="checkbox"/>	18 1sxj_E Activator 1 40 kDa subu	51.7	1.3E+02	0.004	28.3	10.8	119	275-397		20-170	(354)
<input type="checkbox"/>	19 3t15_A Ribulose biphosphate c	49.1	1.5E+02	0.0047	28.1	10.9	117	275-397		18-161	(293)
<input type="checkbox"/>	20 2chg_A Replication factor C sm	44.1	54	0.0017	30.4	6.9	115	275-397		23-138	(319)
<input type="checkbox"/>	21 3zh9_B Delta; hydrolase, repli	43.9	42	0.0013	32.3	6.2	106	279-397		3-118	(347)
<input type="checkbox"/>	22 1sxj_B Activator 1 37 kDa subu	39.6	1.3E+02	0.0042	28.2	8.9	110	270-397		26-143	(323)
<input type="checkbox"/>	23 3pe5_A Uncharacterized protein	38.6	7.2	0.00022	39.9	0.0	53	187-239		5-57	(403)
<input type="checkbox"/>	24 2yhs_A FTSY, cell division pro	34.5	2.5E+02	0.0078	28.7	10.6	130	250-395		243-381	(503)
<input type="checkbox"/>	25 1shu_X Anthrax toxin receptor	32.3	1E+02	0.0031	26.5	6.3	121	249-382		60-182	(182)
<input type="checkbox"/>	26 2bjv_A PSP operon transcriptio	31.9	3.4E+02	0.011	25.4	10.5	127	259-397		1-147	(265)
<input type="checkbox"/>	27 1jq1_B DNA polymerase III, del	28.9	1.4E+02	0.0045	25.1	6.6	104	281-397		9-113	(140)
<input type="checkbox"/>	28 3arc_L Photosystem II reaction	28.0	53	0.0017	23.8	3.0	20	220-239		16-35	(37)
<input type="checkbox"/>	29 1v7p_C Integrin alpha-2; snake	27.7	1.3E+02	0.0039	26.5	6.2	128	252-385		66-199	(200)
<input type="checkbox"/>	30 3te6_A Regulatory protein SIR3	21.4	4.7E+02	0.015	25.8	9.6	118	274-397		29-169	(318)
<input type="checkbox"/>	31 4i9w_A Potassium channel subfa	21.2	4E+02	0.012	25.6	8.8	96	186-287		2-97	(309)
<input type="checkbox"/>	32 2og2_A Putative signal recogni	20.1	4.5E+02	0.014	26.6	9.2	66	252-317		107-183	(359)

No 1

>2kog\_A Vesicle-associated membrane protein 2; synaptobrevin, VAMP2, DPC micelle, snare, coiled coil, membrane



















