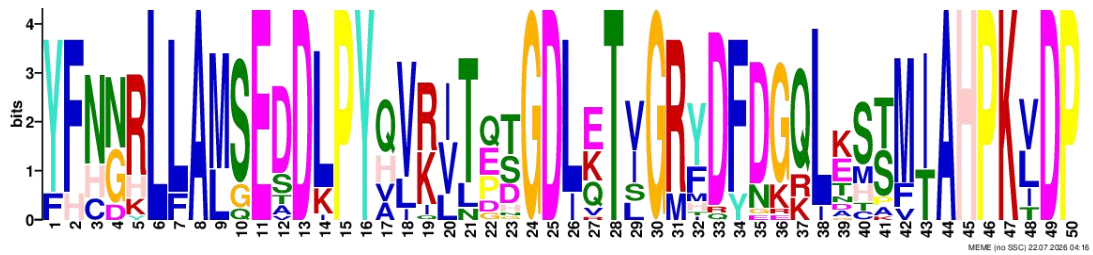


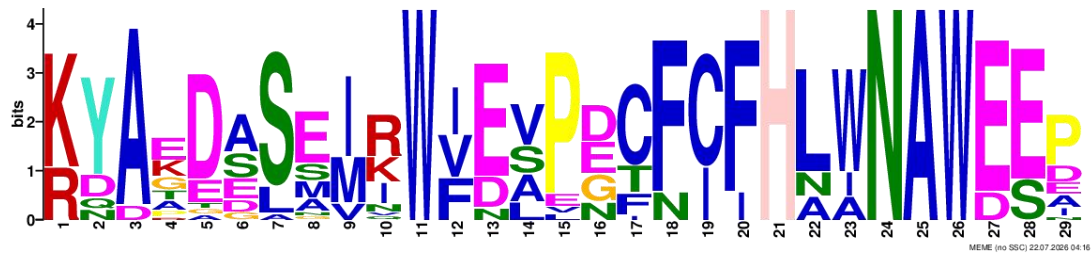
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E-value: 3.4e-880 ? Site Count: 26 ?



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11. BjNCED11	235	4.71e-60	GVGVANAGLV YFNNRLLAMSEDDLPYQLKITQTGDLQTVGRYDFDQQLKSTMIAPKLDPEVTKELHALSY
19. BjNCED19	234	6.13e-60	GVGVANAGLV YFNNRLLAMSEDDLPYQLKITQTGDLQTVGRYDFDQQLKSSMIAPKLDPEVTKELHALSY
26. BjNCED26	253	7.95e-60	GTGVANAGLV YFNNRLLAMSEDDLPYQVRITPSGDLKTIQRYDFDQQLSESTMIAPKVDPESEGFALSY
25. BjNCED25	253	7.95e-60	GTGVANAGLV YFNNRLLAMSEDDLPYQVRITPSGDLKTVGRYDFDQQLSESTMIAPKVDPESEGFALSY
22. BjNCED22	314	7.95e-60	GTGVANAGLV YFNNRLLAMSEDDLPYQVRITPSGDLKTVGRYDFDQQLSESTMIAPKVDPESEGFALSY
16. BjNCED16	234	1.65e-58	GVGVANAGLV YFNNRLLAMSEDDLPYQLKITQTGDLQTVGRYDFDQQLKSSMIAPKLDPEVSKELHALSY
1. BjNCED1	253	4.65e-58	GTGVANAGLV YFNNRLLAMSEDDLPYQVRITPSGDLKTVGRYDFDQQLSESTMIAPKVDPESEGFALSY
4. BjNCED4	246	1.25e-57	GTGVANAGLV YFNNRLLAMSEDDLPYQVRITPSGDLKTVGRYDFDQQLSESTMIAPKVDPESEGFALSY
3. BjNCED3	270	1.82e-57	GLGVANAGLV YFNGHLLAMSEDDLPYQVRITPSGDLKTVGRYDFDQQLKSTMIAPKLDPEETRELFALSY
14. BjNCED14	256	2.65e-57	GLGVANAGLV YFNGHLLAMSEDDLPYQVRITPSGDLKTVGRYDFDQQLKSTMIAPKLDPEETRELFALSY
2. BjNCED2	234	1.75e-55	GVGVANAGLV YFNNRLLAMSEDDLPYQLRITQTGDLQTVGRYDFDQQLKSTMIAPKLDPEVTKELHALSY
7. BjNCED7	246	5.78e-55	GTGVANAGLV YFNNRLLAMSEDDLPYQVQVTPSGDLKTVGRYDFDQQLSESTMIAPKIDPESEGFALSY
6. BjNCED6	218	9.31e-54	GTGVANAGLV YFNDRLLAMSEDDLPYQVRITPSGDLKTVGRYDFDQQLNSAMIAHPKIDPETKELFALSY
17. BjNCED17	241	3.52e-52	GLGVANTGLI YFNGYLLAMSEDDLPYQVITQTGDLRTSGRYDFDQQLKTTMIAPKLDPEETGELFALSY
15. BjNCED15	245	2.26e-51	GLGVANTGLI YFNGHLLAMSEDDLPYQLIVTQTGDLKTSGRYDFDQQLKTMIAHPKLDPEETRELFALSY
8. BjNCED8	243	2.07e-50	GTGVANAGLV YFNDRLLAMSEDDLPYQVRITPSGDLKTVGRYDFDQQLNSAMIAHPKIDPETKELFALSY
24. BjNCED24	241	2.59e-48	GIGLANTSLA FFCNRLFALGESDLPYAVRLTDTGDIETIGRFDFDQQLKMSMTAHPKTDPEQTGETFAFRY
21. BjNCED21	243	6.85e-48	GMGVANAGVV YFNGRLLAMSEDDLPYQVINGHGDLETIGRFDFDQQLIDCFVIAHPKVDPETTGDLHTLSY
23. BjNCED23	247	7.98e-47	GIGLANTSLA FFCNRLFALGESDLPYAVRLTESGDIVTIGRFDFDQQLKMSMTAHPKTDPEQTGETFAFRY
5. BjNCED5	261	9.60e-47	GMGVANAGVV YFNGRLLAMSEDDLPYQVINGHGDLETIGRFDFDQQLIDCFVIAHPKVDPETTGDLHTLSY
18. BjNCED18	245	1.05e-46	GIGLANTSLA FFCNRLFALGESDLPYAVRLTESGDIVTIGRFDFDQQLKMSMTAHPKIDPEETGETFAFRY
10. BjNCED10	240	8.46e-46	GIGLANTSLA FFCNRLFALGESDLPYAVRLTESGDIVTIGRFDFDQQLKMSMTAHPKIDPEETGETFAFRY
20. BjNCED20	502	1.50e-44	GHGTANTALV YHHGKLLALSEADKPYVVKVLEDGDLQTLGMDYDKRLTSFTAPKVDPEVTGEMFTFGY
13. BjNCED13	174	1.50e-44	GHGTANTALV YHHGKLLALSEADKPYVVKVLEDGDLQTLGMDYDKRLTSFTAPKVDPEVTGEMFTFGY
12. BjNCED12	218	2.82e-43	GNGTANTSLV YHHGKLLALQETDKPYVVKVLEDGDLQTLGMDYDKRLTSFTAPKVDPEVTGEMFTFGY
9. BjNCED9	245	4.99e-43	GNGTANTSLI YHHGKLLALQETDKPYVVKVLEDGDLQTLGMDYDKRLTSFTAPKVDPEVTGEMFTFGY

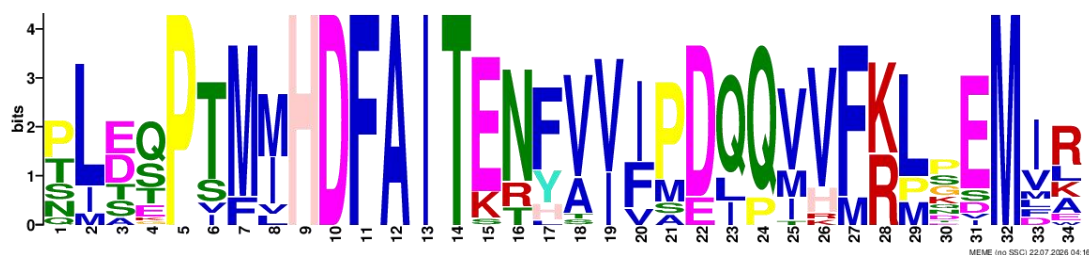
E-value: 3.1e-478 **Site Count:** 25



Name	Start	p-value	Sites
4. BjNCED4	384	4.15e-37	EKVARFGVLD KYAGDSSSEIKWIEAPDCFCFLWNAWEEP ETEEVVVIGS
7. BjNCED7	384	8.61e-37	DKVARFGVLD KYAEDSSAIRWIEAPDCFCFLWNAWEEP ETEEIVVIGS
25. BjNCED25	391	3.31e-36	EKVARFGILD KYAADSSEMRWIEAPDCFCFLWNAWEEA ETEEVVVIGS
22. BjNCED22	452	4.09e-36	NKVARFGVLD KYAEDSSAIKWIEAPGCFCFLWNAWEEP ETDEVVVIGS
26. BjNCED26	391	1.37e-35	NKVARFGVLD KYAGDSSAIKWIEAPGCFCFLWNAWEEP ETEEVVVIGS
1. BjNCED1	391	2.01e-35	EKVARFGILD KYAADSSEIRWIEAPDCFCFLWNAWEEP ETEEVVVIGS
14. BjNCED14	394	1.71e-34	NKKSFRGVLD KYAEDASSMRWIEVEDCFCFLWNAWEEA ETDEVVVIGS
3. BjNCED3	408	1.71e-34	NKKSFRGVLD KYAKDASSMRWIEVEDCFCFLWNAWEEA ETDEVVVIGS
6. BjNCED6	356	3.95e-33	EKVSFRGILP KNAEDASMIWVESPDTCFCLWNAWESP ETDEVVVIGS
8. BjNCED8	381	5.28e-33	EKVSFRGILP KNAEDASIIWVESPETFCFLWNAWESP ETDEVVVIGS
15. BjNCED15	383	8.34e-32	KKRSFRGVLD KYARDAASIRWIDVVDTCFCFLWNAWEEP DTDEVVVIGS
2. BjNCED2	372	7.24e-31	DKVSRLGIMP KDATEASEIIWVDSPETFCFLWNAWESP ETEEVVVIGS
20. BjNCED20	640	2.15e-30	TKKARFGVLP RYAKDELMIRWFELNCFIFLNANAWEEE DEVVLITCRL
13. BjNCED13	312	2.15e-30	TKKARFGVLP RYAKDELMIRWFELNCFIFLNANAWEEE DEVVLITCRL
12. BjNCED12	356	2.73e-30	TKKARFGVLP RYAKDELMIKWFELNCFIFLNANAWEE EEEVLITCRL
9. BjNCED9	383	3.46e-30	TKNARFGVLP RYAKDDLIRWFELNCFIFLNANAWEEE DEVVLITCRL
11. BjNCED11	373	6.20e-30	GKVSRLGIMP KDATEASEIVWVDSPETFCFLWNAWESP ETEEVVVIGS
16. BjNCED16	372	1.23e-29	EKVSRLGIMP KDAAEASEVIWVNSPETFCFLWNAWESP ETEEVVVIGS
19. BjNCED19	372	3.79e-29	EKVSRLGIMP KDATEASEVIWVNSPEIFCFCLWNAWESP ETEEVVVIGS
18. BjNCED18	383	3.28e-28	GKTPLRGVIP RYAEDESSEMRWFEVPGFNIIAINAWDED DGNTIVLIAP
21. BjNCED21	381	3.64e-28	EKMSRFGVLS KQDPAGSNINWVDVDCFCFLWNAWEEI TEDGDLIVIV
5. BjNCED5	399	1.03e-27	EKMSRFGVLS KQDPTGSSVNWVDVDCFCFLWNAWEEI AEDGDPVIV
10. BjNCED10	381	1.40e-27	RKTPLRGVIP RYAGDSEMKWFEVPGFNIIAINAWDED DGNNAVLIAP
23. BjNCED23	385	2.04e-26	GKTPLRGVIP RYAEGESEMKWFEVPGFNIIAINAWDED DGDTIVLIAP
24. BjNCED24	382	1.64e-25	RKTPLRGVIP RYAGDSEMQWFEVLGFNIIAINAWDEN DGTTVVLIAP

3.

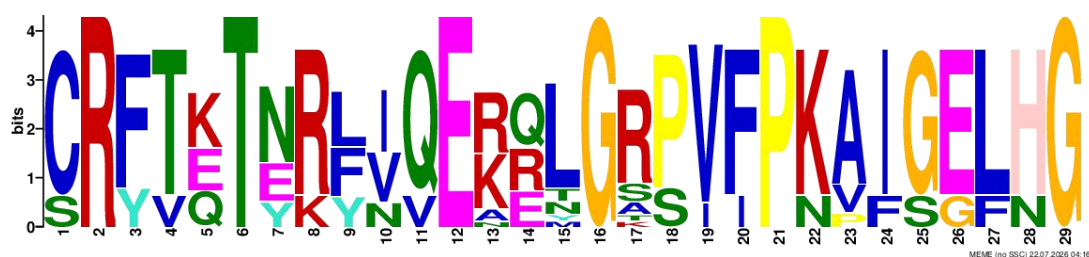
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Name ?	Start ?	p-value ?	Sites ?
26. BjNCED26	338	2.44e-43	DGTSKSPDVEI NLEQPTMDFAITENFVVI PDQQVVFKLPEMIR GGSPVVDYEN
22. BjNCED22	399	2.44e-43	DGTSKSPDVEI NLEQPTMDFAITENFVVI PDQQVVFKLPEMIR GGSPVVDYEN
7. BjNCED7	331	4.33e-43	DGIKSPDVEI NLDQPTMDFAITENFVVI PDQQVVFKLPEMIR GGSPVVDYDKD
4. BjNCED4	331	4.33e-43	DGIKSPDVEI NLDQPTMDFAITENFVVI PDQQVVFKLPEMIR GGSPVVDYDKE
1. BjNCED1	338	1.01e-42	DGEKSPDVEI QLDQPTMDFAITENFVVI PDQQVVFKLPEMIR GGSPVIYDKE
5. BjNCED5	346	2.41e-41	CGTKTRDLDI TLEQPTMDFAITENFVVI PDQQMVFKLSEMIIR GGSPVIYDRE
25. BjNCED25	338	1.67e-40	DGTSKSPDVQI QLDQPTMDFAITENFVVI PDQQVVFKLPEMIR GGSPVIYDKE
14. BjNCED14	341	7.41e-40	DGQKSPDVEI PLDQPTMDFAITENFVVI PDQQVVFRLPEMIR GGSPVVDYDN
21. BjNCED21	328	1.35e-39	CGKKTRDVI TLEQPTMDFAITENFVVI PDQQMVFKLSEMIW GGSPVIYDRE
19. BjNCED19	319	4.98e-39	DGVKSPELEI PLETPTMDFAITENFVVI PDQQVVFKLPEMIA GNSPVVFDGE
16. BjNCED16	319	4.98e-39	DGVKSPELEI PLETPTMDFAITENFVVI PDQQVVFKLPEMIA GNSPVVFDGE
11. BjNCED11	320	1.79e-37	DGVKSPEVEI PLETPTMDFAITENFVVI PDQQVVFKLPEMMA GNSPVVFDGG
3. BjNCED3	355	1.79e-37	DGQKSPDVEI PLDQPTMDFAITENLVVVI PDQQVVFRLPEMIR GGSPVVDYDN
2. BjNCED2	319	1.79e-37	DGVKSPEVEI PLETPTMDFAITENFVVI PDQQVVFKLPEMMA GNSPVVFDGD
15. BjNCED15	330	2.25e-36	NGEKSPDVEI PLDQPTMDFAITENFVVI PDQQVVFRLPEMVR GGSPVVDYDKK
8. BjNCED8	328	3.22e-35	EGEKSPDVEI PLASPTMDFAITENFVVI PDQQVVFKLSDMFL GKSPVKYDGE
6. BjNCED6	303	3.22e-35	EGEKSPDVEI PLASPTMDFAITENFVVI PDQQVVFKLSDMFL GKSPVKYDGE
13. BjNCED13	258	6.60e-30	DGFMHDPVPI TISEPIMDFAITETYAIFMDLPMFRPKEMVK EKKMVISFDP
20. BjNCED20	586	9.37e-30	DGIMHDPVPI TISEPIMDFAITETYAIFMDLPMFRPKEMVK EKKMVISFDP
12. BjNCED12	302	3.70e-29	DGIMHDPVPI TISEPIMDFAITENYSIFMDLPTFRPKEMVK EKKMLYSFDP
9. BjNCED9	329	4.03e-29	DGIMHDPVPI TISKPMDFAITETYAIFMDLPMFRPEEMVK EKKMIYSFDP
10. BjNCED10	325	7.22e-26	GKKQRDPVY SLTSPSFVDFAITKRFAIFAEIQIVMRMNMVMDL VLEGGSPVAA
24. BjNCED24	326	1.74e-25	GKKQRDPVY SLTSPSFVDFAITKRRTIFAEIQIVMRMNMVMDL VLEGGSPVGA
18. BjNCED18	330	4.78e-25	GKKQKDPVF SMTSPSFLDFAITKRFAIFSEIQIKMRMDSMLE GGSPVGADNG
23. BjNCED23	332	1.05e-24	GKKQKDPVF SMTSPSFLDFAITSRYAIFSEIQIKMRMDSMLE GGSPVGADNG

4.

E-value: 9.4e-408  Site Count: 22 



25. BjNCED25	191	6.70e-38	KFEDGSASYA	CRFTQTNRFQERQLGRPVFPKAI	GELHG	HTGIARLMLF
22. BjNCED22	252	6.70e-38	KFEDGSASYA	CRFTQTNRFQERQLGRPVFPKAI	GELHG	HTGIARLMLF
4. BjNCED4	184	6.70e-38	KFEDGSASYA	CRFTQTNRFQERQLGRPVFPKAI	GELHG	HTGIARLMLF
1. BjNCED1	191	6.70e-38	KFEDGSASYA	CRFTQTNRFQERQLGRPVFPKAI	GELHG	HTGIARLMLF
26. BjNCED26	191	5.70e-35	KFEDGSASYA	CRFTQTNRFQERQLGRPVFPKAI	GELHG	HTGIARLMLF
7. BjNCED7	184	6.70e-35	KFEDGLASYA	CRFTQTNRFQERRMGRPVFPKAI	GELHG	HTGIARLMLF
19. BjNCED19	172	9.49e-35	KITNGSASYA	CRFTKTERLIQEKRLGRPVFPKAI	GELHG	HSGIARLMLF
11. BjNCED11	173	9.49e-35	KITNGSASYA	CRFTKTERLIQEKRLGRPVFPKAI	GELHG	HSGIARLMLF
2. BjNCED2	172	9.49e-35	KITNGSASYA	CRFTKTERLIQEKRLGRPVFPKAI	GELHG	HSGIARLMLF
16. BjNCED16	172	1.80e-34	KISNGSASYA	CRFTETERLIQEKRLGRPVFPKAI	GELHG	HSGIARLMLF
3. BjNCED3	208	3.92e-34	RFNNGSVSYS	CRFTETNRFVQERELGRSVFPKAI	GELHG	HLGIAKLMLF
14. BjNCED14	194	4.55e-34	RFNNGSVSYS	CRFTETNRFVQERELGRSVFPKAI	GELHG	HLGIAKLMLF
17. BjNCED17	179	5.26e-33	RFNNGSVSYS	CRFTETNRLVQERELGRSIFPKAI	GELHG	HLGIAKLMLF
15. BjNCED15	183	1.25e-32	RFNNGSVSYS	CRFTETNRFVQEREYGRSVFPKAI	GELHG	HLGIAKLMLF
21. BjNCED21	181	4.62e-32	IGSDNRVSYS	CRYTKTNRLVQEAELGRPVFPKPI	GELHG	HSGIARLMLF
8. BjNCED8	181	5.81e-32	KISDGDASYA	CRFTETERLVQEKRLGSPIFPKAI	GELHG	HSGIARLMLF
6. BjNCED6	156	5.81e-32	KITNGDASYA	CRFTETERLVQEKRLGSPIFPKAI	GELHG	HTGIARLMLF
5. BjNCED5	199	2.23e-31	IGSDNQVSYS	CRYTKTNRLVQEAELGRSVFPKPI	GELHG	HSGIARLMLF
24. BjNCED24	178	2.57e-23	RIRNGKATLC	SRVVKTYKYNVEKQNGAPVFN	VFSGFNG	VTASVARGAL
18. BjNCED18	182	3.69e-23	RIRDGKATLC	SRVVKTYKYNVEKQNGAPVFN	VFSGFNG	VPASMARGAL
23. BjNCED23	184	6.12e-23	RIRDGKATLC	SRVVKTYKYNVEKQNGAPVFN	VFSGFNG	VPASMARGAL
10. BjNCED10	177	1.78e-22	RIRNGKATLC	SRVVKTYKYNVENQNGAPVFN	VFSGFNG	VTASLARGAL

5.

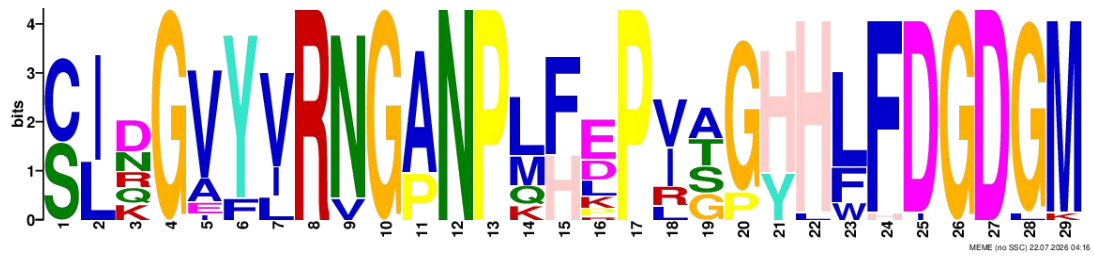
E-value: 2.4e-582  **Site Count:** 23 



6. BjNCED6	439	4.78e-51	RTIIPGSVQM NLEAGMVNRNRLGRKTRFAYLAIAEFPKVS	GFAKVDLSTG	EVKNHFYGDK
26. BjNCED26	475	2.91e-50	PIISDGEEQV NLEAGMVNRNMLGRKTRFAYLALAEFPKVS	GFAKVDLFTG	EVEKHLYGDD
7. BjNCED7	465	6.24e-50	TRRPIISDGV NLEAGMVNRNMLGRKTRFAYLALAEFPKVS	GFAKVDLFTG	EVKKYLYGGD
4. BjNCED4	468	6.24e-50	PIISDGEEQV NLEAGMVNRNMLGRKTRFAYLALAEFPKVS	GFAKVDLFTG	EVKKYLYGGD
8. BjNCED8	464	1.04e-49	RTIIPGSVQM NLEAGMVNRNLLGRKTRFAYLAIAEFPKVS	GFAKVDLSTG	EVKNHFYGGK
22. BjNCED22	533	1.27e-48	TRRPIIDHQV NLEAGMVNRNMLGRKTRFAYLALAEFPKVS	GFAKVDLFTG	EVEKHLYGDD
14. BjNCED14	475	3.21e-47	TRRPVISEEL NLEAGMVNRNLLGRKTRFAYLALTEFPKVS	GFAKVDLSTG	EVQKYIYGDG
3. BjNCED3	489	3.21e-47	TRRPVISEQL NLEAGMVNRNLLGRKTRFAYLALTEFPKVS	GFAKVDLSTG	EVVKYIYSGS
25. BjNCED25	475	3.82e-47	PIISDGEEQV NLEAGMVNRNMLGRKTRFAYLALAEFPKVS	GFAKVDLSTG	EVEKHLYGDN
16. BjNCED16	453	7.58e-47	TTRALLDDEV NLEIGMVNRNRLGRKTRFVFLAIAEFPKVS	GFAKVDLFTG	EIEKYIYGGE
15. BjNCED15	465	4.50e-46	RRPVIISSQL NLEAGMVNRNLLGRKTRFAYLAITEFPKVS	GFAKVDLSDG	DVQKYIYGDG
1. BjNCED1	475	5.25e-46	PIISDGDDQV NLEAGMVNRNMLGRKTRFAYLALAEFPKVS	GFAKVDLATG	EVKKHLYGDD
19. BjNCED19	453	7.15e-46	TTRALLDDEV NLEIGMVNRNRLGRKTRFAFLAIAEFPKVS	GFAKVDLCTG	KIEKYIYGGE
2. BjNCED2	453	4.22e-45	TRQALLDEEV NLEIGMVNRNRLGRKTRFAFLAIAEFPKVS	GFAKVDLFTG	DIKKYVYGSE
11. BjNCED11	454	8.51e-44	TTRAMLVDEV NLEIGMVNRNRLGRKTRFAFLAIAEFPKVS	GFAKVDLVTG	EIEKYVYGDG
21. BjNCED21	464	6.35e-42	SNRKVIVTGM NLEAGQVNQNFGRKTRFVYLAIAEFPKVS	GIAKVDLENG	TVIEFKYGGP
5. BjNCED5	482	1.28e-41	SNRKVLVTGM NLEAGQVNQNFGRKTRFVYLAIAEFPKVS	GIAKVDLENG	TVIQFKYGGP
10. BjNCED10	459	4.10e-35	IVTRHPISAR NLDFAVINPAFLGRRSRVYAAIGDPMKIS	GVVKLDVSKG	DRDDCTVARR
23. BjNCED23	463	8.55e-34	IVTRHPISAR NLDFAVINPAFVGRRSRVYAAIGDPMKIS	GVVKLDVTRG	DRDDCTVARR
18. BjNCED18	461	8.55e-34	IVTRHPISAR NLDFAVINPAFVGRRSRVYAAIGDPMKIS	GVVKLDVTRG	DRDDCTVARR
24. BjNCED24	460	2.17e-33	IVTRHPISAR NLDFAVINPAFLGRRSRVYAAIGDPMKIS	GVVKLDVSKG	DRDDCTVARR
13. BjNCED13	394	4.92e-27	SASQKKLSPS AVDFPRINCYTGKKQRYVYGTILDSIAKVTGI	IKFDLAE	AETGKEILEV
20. BjNCED20	722	1.60e-26	SASQKKLSAS AVDFPRINESYTGKKQRYVYGTILDSIAKVTGI	IKFDLAE	AETGKRMLEV

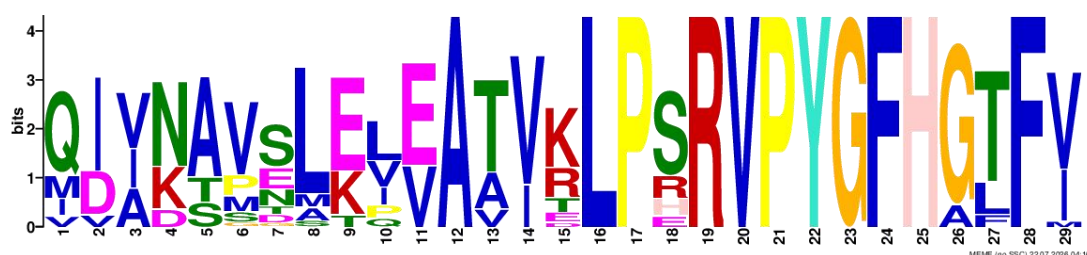
6.

E-value: 9.2e-497 Site Count: 25



Name	Start	p-value	Sites
19. BjNCED19	129	6.34e-37	CLDVEGTIPD C I D G V Y V R N G A N P M F E P I A G H H L F D G D G M V H A V K I T N G S
16. BjNCED16	129	6.34e-37	CLDVEGTIPD C I D G V Y V R N G A N P M F E P I A G H H L F D G D G M V H A V K I S N G S
17. BjNCED17	136	6.40e-35	NLPVTGTLPE C I Q G V Y V R N G A N P L H K P I S G H H L F D G D G M V H A V R F N N G S
14. BjNCED14	151	6.40e-35	NLPVTGTVPE C I Q G V Y V R N G A N P L H K P I S G H H L F D G D G M I H A V R F N N G S
3. BjNCED3	165	6.40e-35	NLPVTGTLPE C I Q G V Y V R N G A N P L H K P I S G H H L F D G D G M V H A V R F N N G S
8. BjNCED8	138	3.49e-34	SLSVTGKIPD C I D G V Y L R N G A N P L F E P V S G H H L F D G D G M V H A V K I S D G D
6. BjNCED6	113	3.49e-34	SLSVTGKIPD C I D G V Y L R N G A N P L F E P V S G H H L F D G D G M V H A V K I T N G D
15. BjNCED15	140	4.88e-34	NLPVTGTLPE C I Q G V Y V R N G A N P L H R P I S G H H L F D G D G M V H A I R F N N G S
11. BjNCED11	130	4.88e-34	FLTVEGTIPD S I D G V Y V R N G A N P M F D P I A G H H L F D G D G M V H A I K I T N G S
2. BjNCED2	129	4.88e-34	FLPVEGTIPD S I D G V Y V R N G A N P M F D P I A G H H L F D G D G M V H A V K I T N G S
26. BjNCED26	148	1.90e-33	NLPVVGKIPD S I K G V Y V R N G A N P L H E P V T G H H F F D G D G M V H A V K F E D G S
25. BjNCED25	148	1.90e-33	NLPVVGKIPD S I R G V Y V R N G A N P L H E P V T G H H F F D G D G M V H A V K F E D G S
22. BjNCED22	209	1.90e-33	NLPVVGKIPD S I K G V Y V R N G A N P L H E P V T G H H F F D G D G M V H A V K F E D G S
7. BjNCED7	141	1.90e-33	NLPVVGKIPD S I R G V Y V R N G A N P L H E P V T G H H F F D G D G M V H A V K F E D G L
4. BjNCED4	141	1.90e-33	NLPVVGKIPD S I K G V Y V R N G A N P L H E P V T G H H F F D G D G M V H A V K F E D G S
1. BjNCED1	148	1.90e-33	NLPVVGKIPD S I K G V Y V R N G A N P L H E P V T G H H F F D G D G M V H A V K F E D G S
21. BjNCED21	137	1.62e-32	GLEVVQIIP CL R G V Y V R N G A N P M F P P L G G H H L F D G D G M I H A V S I G S D N
5. BjNCED5	155	3.48e-32	GLEVIGNIPP CL R G V Y I R N G A N P M F P P L G G H H L F D G D G M I H A V S I G S D N
24. BjNCED24	135	2.28e-29	CEIIHGSLPP S L D G A Y I R N G P N P Q F L P R G P Y H L F D G D G M L H A I R I R N G K
10. BjNCED10	134	2.28e-29	CEIIHGSLPP S L D G A Y I R N G P N P Q F L P R G P Y H L F D G D G M L H A I R I R N G K
23. BjNCED23	141	2.72e-29	CQIIHGSLPP S L N G A Y I R N G P N P Q F L P R G P Y H L F D G D G M L H A I R I R D G K
18. BjNCED18	139	2.72e-29	CEIIHGSLPP S L N G A Y I R N G P N P Q F L P R G P Y H L F D G D G M L H A I R I R D G K
13. BjNCED13	70	3.86e-29	LPVVGFLPE CL N G E F V R V G P N P K F D P V A G Y H W F D G D G M I H A V R I K D G K
9. BjNCED9	141	2.51e-28	DLHVHGFLPE CL N G I F L R V G P N P K F D P L A G Y H W F D G D G M I H G V R I K D G K
12. BjNCED12	155	9.65e-22	DLPVHGFLPE CL N G E F L R V G P N P K F D P V A G Y L W H I G D L K G I F G L L M A N M

7.

E-value: 2.2e-409  **Site Count:** 24 

Name 	Start 	p-value 	Sites 	
26. BjNCED26	561	6.42e-35	HDEMTWKSEL	QIVNAVSLVEATVKLPSRVPGFHGTFI GASDLAKQV
25. BjNCED25	560	6.42e-35	HDEKTWKSEL	QIVNAVSLVEATVKLPSRVPGFHGTFI GASDLAKQV
22. BjNCED22	619	6.42e-35	HDEMTWKSEL	QIVNAVSLVEATVKLPSRVPGFHGTFI GASDLAKQV
7. BjNCED7	552	6.42e-35	HDEMTWKSEL	QIVNAVSLVEATVKLPSRVPGFHGTFI GANDLATQE
4. BjNCED4	555	6.42e-35	HDEETWKSEL	QIVNAVSLVEATVKLPSRVPGFHGTFI GANDLATQV
1. BjNCED1	560	6.42e-35	HDEMTWTSEL	QIVNAVSLVEATVKLPSRVPGFHGTFI GASDLANQV
2. BjNCED2	543	1.16e-33	HDEEKETSVL	QIINAVNLKLEATIKLPSRVPGFHGTFV DSSELVDQV
8. BjNCED8	552	3.55e-33	HDEESWKSEL	QIVNAVTLLEATIKLPSRVPGFHGTFV NSADMLNQA
6. BjNCED6	527	3.55e-33	HDEEGWKSEL	QIVNAVTLLEATIKLPSRVPGFHGTFV NSADMLNQA
19. BjNCED19	545	2.09e-32	HDEEKETSEL	QIINAVNLTLEATIKLPSRVPGFHGTFV DSSELVDQA
16. BjNCED16	547	2.09e-32	HDEEKETSEL	QIINAVNLTLEATIKLPSRVPGFHGTFV DSSELVDQS
11. BjNCED11	544	2.05e-31	HDEEKETSEL	QIIDAVDLKLEATIKLPSRVPGFHGTFV DASELVDQV
3. BjNCED3	577	2.75e-31	HDEENVKSEL	QIINAVGLKLEATVTLPSPRVPGFHGTFI SNEDLLKQAL
14. BjNCED14	563	4.82e-31	HDEENVRSEL	QIINAGSLKLEATVTLPSPRVPGFHGTFI SNEDLLKQAL
15. BjNCED15	552	8.26e-31	HDEEKVKSEL	QIINTVNLKLEATVTLPSPRVPGFHGTFM SNDDLMNQAL
24. BjNCED24	557	1.41e-27	EVAGESKFLV	MDAKSPELEIVAARLPRLRVPGFHGLFV KESDVNKL
23. BjNCED23	560	1.41e-27	EVAGESKFLV	MDAKSPELEIVAARLPRLRVPGFHGLFV KESDLNKL
18. BjNCED18	558	1.41e-27	EVAGESKFLV	MDAKSPELEIVAARLPRLRVPGFHGLFV KESDLNKL
10. BjNCED10	556	1.41e-27	EVSGESKFLV	MDAKSPELEIVAARLPRLRVPGFHGLFV KESDI
5. BjNCED5	567	5.06e-26	RDEERDESEF	VVVDASPMKQVAARLPRLRVPGFHGTFV SENQLKEQV
21. BjNCED21	549	9.00e-26	RDEERDESEF	VVVDASPMKQVAARLPRLRVPGFHGTFV SENQLKEQI
13. BjNCED13	495	7.75e-25	ENTGKSCVNV	IDAKTMSAEPVAVVELPHRVPGFHAFV TEEQLQEQT
12. BjNCED12	541	9.77e-25	ENTGKSCVNV	IDAKTMSSEPVAVVELPHRVPGFHAFV TEEQLQEQT
20. BjNCED20	823	1.23e-24	ENTGKSCVNV	IDAKTMSAEPVAVVDLPHRVPGFHAFV TEREIQMEAL

8.

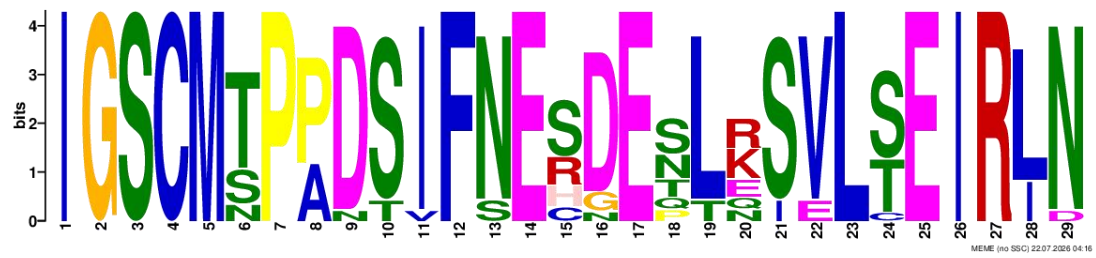
E-value: 4.4e-364 ? Site Count: 26 ?



4. BjNCED4	104	9.72e-36	EGLLVSHERQ	HPLPKTADPSVQIAGNFAPVNEQVRRNL	PVVGKIPDSI
26. BjNCED26	111	1.33e-34	EGFLVSHERQ	HPLPKTADPSVQIAGNFAPVNEQVRRNL	PVVGKIPDSI
25. BjNCED25	111	1.33e-34	EGFLVSHERQ	HPLPKTADPSVQIAGNFAPVNEQVRRNL	PVVGKIPDSI
7. BjNCED7	104	7.04e-34	EGFLVCHERQ	HPLPKTADPSVQIAGNFAPVNEQVRRNL	PVVGKIPDSI
17. BjNCED17	99	6.26e-33	NAMVSYERRH	HPLPKTADPAVQIAGNFFVPEQVQNL	PVTGTLPECI
15. BjNCED15	103	6.26e-33	NAIVSHERRH	HPLPKTADPAVQIAGNFFVPEQVQNL	PVTGTLPECI
14. BjNCED14	114	1.87e-32	NAMVSHERRR	HPLPKTADPAVQIAGNFFVPEQVQNL	PVTGTLPECI
3. BjNCED3	128	1.87e-32	KAMVSHERRR	HPLPKTADPAVQIAGNFFVPEQVQNL	PVTGTLPECI
22. BjNCED22	172	1.37e-31	EGFLVSHERQ	HPLPKTADPSVQIVGNFAPVNEQVRRNL	PVVGKIPDSI
1. BjNCED1	111	1.65e-31	EGFLVSHERQ	HPLPKTADPSVQIAGNFAPVNEQVRRNL	PVVGKIPDSI
19. BjNCED19	92	6.36e-28	ERVLISREQD	TPLPKTADPRIQIAGNYFVPEFVRECL	DVEGTIPDCI
16. BjNCED16	92	6.36e-28	ERALISREQD	TPLPKTADPRIQIAGNYFVPEFVRECL	DVEGTIPDCI
11. BjNCED11	93	4.04e-27	ERALISHEKD	TPLSKTADPSVQIAGNYFVSECFVRQFL	TVEGTIPDSI
8. BjNCED8	101	4.52e-27	EAALLSRERS	QPLEKTVDPREQISGNFAPVPEQSVKSSL	SVTGKIPDCI
6. BjNCED6	76	4.52e-27	EAALLSRERS	QPLEKTVDPREQISGNFAPVPEQSVKSSL	SVTGKIPDCI
21. BjNCED21	100	5.04e-27	SSLVFPMEQN	HPLPKPTDPSIQLSGNFAPVNECFVQNGL	EVVGQIPPCl
5. BjNCED5	118	5.04e-27	SSLVFPMEQN	HPLPKPTDPSIQLSGNFAPVNECFVQNGL	EVIGNIPPCl
2. BjNCED2	92	1.13e-25	ERALISHEKN	TPLSKTADPSVQIAGNYFVSECFVRQFL	PVEGTIPDSI
24. BjNCED24	97	5.12e-22	VEDVINTFID	PPSRPSVDPKVLSGNFAPVLDDELPPTEC	EIIHGSLLPPS
23. BjNCED23	103	3.10e-21	MEEVINTFID	PPSRPSVDPKVLSGNFAPVLDDELPPTEC	QIIHGSLLPPS
18. BjNCED18	101	3.10e-21	MEEVINTFID	PPSRPSVDPKVLSGNFAPVLDDELPPTEC	EIIHGSLLPPS
20. BjNCED20	347	3.86e-21	LLDLVERVVV	KLMIDASLPLHYLSGNFAPVRDETTPVKD	LPVVHGFLPE
13. BjNCED13	31	3.86e-21	LLDLVERVVV	KLMIDASLPLHYLSGNFAPVRDETTPVKD	LPVVHGFLPE
10. BjNCED10	96	5.97e-21	VEDIINTFID	PPSRPSVDPKVLSGNFAPVLDDELPPTEC	EIIHGSLLPPS
9. BjNCED9	103	2.65e-20	LIDLLEALVV	KLMIDASLPLHYLSGNFAPLRDETTPVKD	LHVHGFLPEC
12. BjNCED12	117	4.31e-20	LIDLLESLLV	KLMIDTSLPLNYLSGNFAPLRDETTPVKD	LPVHGFLPEC

9.

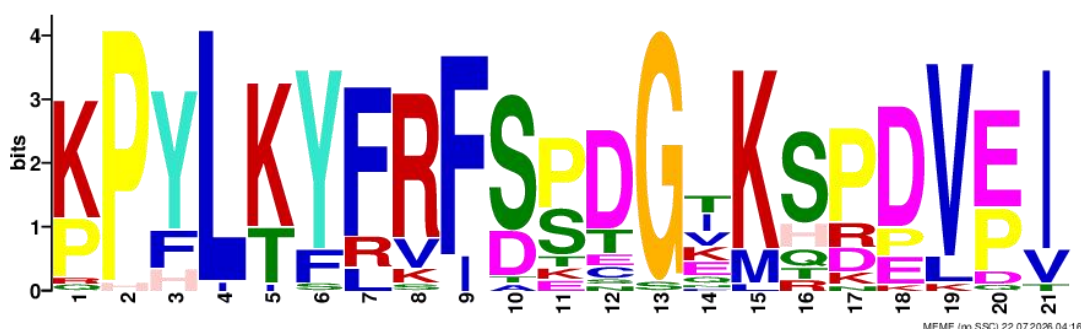
E-value: 2.4e-328 [?](#) Site Count: 17 [?](#)



Name ?	Start ?	p-value ?	Sites ?
26. BjNCED26	427	2.42e-36	EEPETEEVVV IGSCMTPPDSIFNESDENLKSVLSEIRLN LRTGESTRRP
4. BjNCED4	420	2.42e-36	EEPETEEVVV IGSCMTPPDSIFNESDENLKSVLSEIRLN LRTGESTRRP
25. BjNCED25	427	4.23e-36	EEAETEEVVV IGSCMTPPDSIFNESDESLRSVLSEIRLN LRTGESTRRP
22. BjNCED22	488	7.77e-36	EEPETDEVVV IGSCMTPPDSIFNESDESLQSVLSEIRLN LRTGESTRRP
14. BjNCED14	430	3.62e-35	EEAETDEVVV IGSCMTPPDSIFNEHDETQSVLSEIRLN LRTGESTRRP
8. BjNCED8	417	6.57e-35	ESPETDEVVV IGSCMTPADSIFNECDEQLNSVLSEIRLN LKTGKSTRRT
6. BjNCED6	392	6.57e-35	ESPETDEVVV IGSCMTPADSIFNECDEQLNSVLSEIRLN LKTGKSTRRT
1. BjNCED1	427	6.57e-35	EEPETEEVVV IGSCMTPPDSIFNESDENLKSVLCEIRLN LRTGESTRRP
7. BjNCED7	420	1.09e-33	EEPETEEIVV IGSCMTPPDSIFNESNENLESVLSEIRLN LRTGESTRRP
15. BjNCED15	419	1.69e-33	EEPDTDEVVV IGSCMTPPDSVFNEHDETLESVLSEIRLN LRTGESTRRP
11. BjNCED11	409	1.69e-33	ESPETEEVVV IGSCMSPADSIFNERDESLKSVLTEIRIN LRTRESTRRA
2. BjNCED2	408	1.69e-33	ESPETEEVVV IGSCMSPADSIFNERDESLKSVLTEIRIN LRTRESTRQA
19. BjNCED19	408	1.88e-33	ESPETEEVVV IGSCMSPADSIFNERDESLRSVLTEIRIN LRTREATRRA
16. BjNCED16	408	1.88e-33	ESPETEEVVV IGSCMSPADSIFNERDESLRSVLTEIRIN LRTREATRRA
3. BjNCED3	444	2.98e-33	EEAETDEVVV IGSCMTPPNSIFNEHDETLESVLSEIRLN LKTGESTRRP
5. BjNCED5	438	2.22e-27	AEDGDPVIVV IGSCMNPPDTIFSESGEPTRIELTEIRLN LRTKESNRKV
21. BjNCED21	420	5.51e-26	TEDGDLVIVV IGSCMNPPDTIFSESGEPTRIELTEIRLD LRTKESNRKV

10.

E-value: 3.1e-264 Site Count: 26



Name	Start	p-value	Sites
7. BjNCED7	310	7.89e-27	LFALSYDVVS KPYLKYFRFSPDGIKSPDVEI NLDQPTMMHD
26. BjNCED26	317	1.65e-26	LFALSYDVVS KPYLKYFRFSPDGTKSPDVEI NLEQPTMMHD
22. BjNCED22	378	1.65e-26	LFALSYDVVS KPYLKYFRFSPDGTKSPDVEI NLEQPTMMHD
1. BjNCED1	317	3.88e-26	LFALSYDVVS KPYLKYFRFSPDGEKSPDVEI QLDQPTMMHD
14. BjNCED14	320	1.74e-25	LFALSYDVVS KPYLKYFRFSSDGQKSPDVEI PLDQPTMIHD
25. BjNCED25	317	8.89e-25	LFALSYDVVS KPYLKYFRFSPDGTKSPDVQI QLDQPTMMHD
11. BjNCED11	299	1.38e-24	LHALSYDVVR KPYLKYFRFSPDGVKSPEVEI PLETPTMIHD
2. BjNCED2	298	1.38e-24	LHALSYDVVR KPYLKYFRFSPDGVKSPEVEI PLETPTMIHD
8. BjNCED8	307	5.45e-24	LFALSYDVVK KPYLKYFRFSPEGEKSPDVEI PLASPTMMHD
6. BjNCED6	282	5.45e-24	LFALSYDVVK KPYLKYFRFSPEGEKSPDVEI PLASPTMMHD
3. BjNCED3	334	2.63e-23	LFALSYDVVS KPYLKYFRFASDGQKSPDVEI PLDQPTMIHD
4. BjNCED4	310	3.04e-23	LFALSYDVVS QPFLKYFRFSPDGIKSPDVEI NLDQPTMMHD
19. BjNCED19	298	5.85e-23	LHALSYDVVK KPYLKYFRFSPDGVKSPELEI PLETPTMIHD
16. BjNCED16	298	5.85e-23	LHALSYDVVK KPYLKYFRFSPDGVKSPELEI PLETPTMIHD
15. BjNCED15	309	1.84e-20	LFALSYDVVS KPYLKYFRFSTNGEKSPDVEI PLDGPTMIHD
24. BjNCED24	304	7.13e-18	ETFAFRYSPV PPFLTFFRFDSTGKKQDVV YSLTSPSFVH
10. BjNCED10	303	7.13e-18	ETFAFRYGPV PPFLTFFRFDSTGKKQDVV YSLTSPSFVH
18. BjNCED18	308	1.24e-17	ETFAFRYGPV PPFLTFFRFDSTGKKQDVV FSMTSPSFLH
21. BjNCED21	307	1.34e-17	LHTLSYNVLK KPYLKYFRFDTGKKTTRDVI TLEQPTMIHD
9. BjNCED9	308	1.70e-17	EMFTFGCSPM PPYLTYRVISKDGIMDVEI TISKPVMMHD
23. BjNCED23	310	7.77e-17	ETFAFRYGPV PPFLTFFRFDSTGNKRKDVV FSMTSPSFLH
13. BjNCED13	237	8.37e-17	EMFTFGYSQT PPYLTYRVISEDGFMDVPI TISEPIMMHD
12. BjNCED12	281	8.37e-17	EMFTFGYSHM PPYLTYRVISKDGIMDVEI TISEPIMMHD
5. BjNCED5	325	9.02e-17	LHTLSYNVLK KPYLKYFRFDTGKKTTRDVI TLEQPTMIHD
20. BjNCED20	565	1.75e-16	EMFTFGYSQT PPYLTYRVISEDGFMDVPI TISEPVMHHD
17. BjNCED17	9	4.03e-10	MASTSSAS RPYLKSLSFSSSSTLRNKKPT PCSVSYPVNK