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          760      770      780      790      800      810      820      830      840      850      860      870      880      890      900
4932_Scerevisiae@NP_014637 KQ--PGHQLFD--RDPSTLNKYLQNYM--PGUTAKVFRTYNASKTMDQDLD---LIPN--KGSVAEKILKYNAANRTVAILCNHQRITVTKGHAQTVKANNRIQELWQKIRCKRAILQLDKDL LKKEPKYFEEIDDLTKEDEATIHKR
9606_Hsapiens@AAA61207 KQ--PEDDLFD--RLNTGILNKHLDLM--EGUTAKVFRTYNASTILLKELT---APDEN--IPAKILSYNRANRAVAAILCNHQRAPPKTFEKSMMNLQTKIDAKKEQL
39947_Osativa@NP_001061015 KK--PGQDLFD--KLDTTRLNAHLKDLN--PGUTAKVFRTYNASTILLDDILH---KETE--DGTLLERAVYQRANKEVAIICNQRQSVSKSHDSQMTRLNEKIDELKAQRDELKADLSKVRKGG
436308_Nmaritimus@YP_001582656 KK--PSEETLH--DITSRDVNYLSGIV--KGVYAKVFRTYQATTVVKNYLV---NHDNIKGKSDNEKLYHAKLANLEAAIMCNHKRTIPKTFEQSLQKKKDTLKKREREK
414004_Csymbiosum@YP_875131 IK--PKDEIEK--DIRSSDVNRYSGIV--KGVYAKVFRTYLAKKVSEYLR---KNDKIRSKSAFFKLYHAKSANLEAAIMCNHKRTVPKTFKKALEKKKETLKKKAGAT
452637_Oterrae@YP_001818028 YV--DDDGEPQ--KIGSADVNEYLREIAG--EEFSAKDFRTMACTVLAALALR---ELGPFATKAEAKRNLVQAI--ERVSGRLGNTPAVCKKC
391595_Rlitoralis@ZP_02140017 WV--DDAGKPH--TSSHQNLNAYLKEAGGGAETAKTIFRTMAGTLAAF-LRA--EKGD-----ATIKDMA--TAASERLHNTPTMARN
212035_Apolyphaga@YP_142548 YISTDEDGNEKIMRVNDRDLNKYIQENMG--SEFTIKDFRTFEGANLYFIQALSETRKRTPKNRKTIKNIANAF--KSTARQLKHTGAVSKKS
129727_Bpapular@NP_957971 ---PEQLLFD--RLSERRVYAFMRRF---GLRVKDLRTYGVNYTFLYNFWSNV-RSLD-PRPSAKALICASV--RQTAEVVGHTPSISRSA
38804_Ymonkey@NP_938332 ---PNGFLFN--KLSEKKVYEFMRKF---NIRIKDLRTYGVNYTFLYNFWSNV-KSIN-PLPNTKKLISMTI--KQTAEVVGHTPSISRSA
Clustal Consensus
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          910      920      930      940      950      960      970      980      990      1000      1010      1020      1030      1040      1050
4932_Scerevisiae@NP_014637 IIDREIEKYQRKFVRENDKRRFE--KEELLPESQLKEWLEKVDEKKQFEKELKTGEVELKSSWNSVEKIKAQVEKLEQRIQTSSIQLKDKKEENSQVSLGTSKINVIDPRLSVVFCCKYDVPIEKIFTKT--LREK--FKWAIES---VDE
9606_Hsapiens@AAA61207 -----ADARRDLKSAKAD-----AKVMKDAKTK--VVESKKKAVQRLLEEQLMKLEVQATDREENKQIALGTSKLNYLDPRITVWCKKWGVPIEKIYNKT--QREK--FAWAIDM---ADEDYE
39947_Osativa@NP_001061015 -----NLGNDKDGK- PKRNLA-----PEAFEKKISQIETKIEKMMDKKIKEDLKTVALGTSKINVIDPRITVWCKRHEVPIEKIFNKS--LIAK--FSWAMDV---DP
436308_Nmaritimus@YP_001582656 -----AWEKTQQTLLKKVESSEPKTDQKKNKEKRIKT--LNEQIKKQKQKHKEKIEKLQVDLSEKTRDYNLGTSLRNYIDPRVFKAWTDEVGAWEKLYTSA--LQKK--FLWVKNE---NT
414004_Csymbiosum@YP_875131 -----P-----KTD-----KQKERKKERIEKIGLQIKLAQNTDRDYNVGTSLRNYIDPRIFKAWTDEVGAWEKLYTTA--LQRK--FLWVRDE---KE
452637_Oterrae@YP_001818028 -----P-----KTD-----KQKERKKERIEKIGLQIKLAQNTDRDYNVGTSLRNYIDPRVFKAWTDEVGAWEKLYTSA--LQKK--FLWVKNE---NT
391595_Rlitoralis@ZP_02140017 -----P-----KTD-----KQKERKKERIEKIGLQIKLAQNTDRDYNVGTSLRNYIDPRVFKAWTDEVGAWEKLYTSA--LQKK--FLWVRDE---KE
212035_Apolyphaga@YP_142548 -----P-----KTD-----KQKERKKERIEKIGLQIKLAQNTDRDYNVGTSLRNYIDPRVFKAWTDEVGAWEKLYTSA--LQKK--FLWVRDE---KE
129727_Bpapular@NP_957971 -----P-----KTD-----KQKERKKERIEKIGLQIKLAQNTDRDYNVGTSLRNYIDPRVFKAWTDEVGAWEKLYTSA--LQKK--FLWVRDE---KE
38804_Ymonkey@NP_938332 -----P-----KTD-----KQKERKKERIEKIGLQIKLAQNTDRDYNVGTSLRNYIDPRVFKAWTDEVGAWEKLYTSA--LQKK--FLWVRDE---KE
Clustal Consensus
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          1060      1070      1080
4932_Scerevisiae@NP_014637 NWR-----F
9606_Hsapiens@AAA61207 -----F-
39947_Osativa@NP_001061015 DFR-----F
436308_Nmaritimus@YP_001582656 KWKEL-----
414004_Csymbiosum@YP_875131 PwKKVSKQ-----Y
452637_Oterrae@YP_001818028 VLAFLQRK-LPTTAERLAKSIRQEARKRGRGS-R
391595_Rlitoralis@ZP_02140017 LLGLLATQ-----E
212035_Apolyphaga@YP_142548 LLRIKLSYRKDLVG-----G
129727_Bpapular@NP_957971 VVDYVNS-EVVN-----
38804_Ymonkey@NP_938332 VIGYVKNK-KII-----
Clustal Consensus
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