


Cedric Notredame
SCORE=696

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BAD AVG GOOD
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Cumberland_atp8 : 58
Cumberland_Morf : 60
H_sapiens_atp8 : 70
Malawimonasatp8 : 78
Thraustoch_atp8 : 77
Mesostigma_atp8 : 77
Reclinomon_atp8 : 76
Porphyra_atp8 : 72
Cyanidiosc_atp8 : 79
Pseudendoc_atp8 : 78
Acanthamoe_atp8 : 78
Nephroselm_atp8 : 77
cons : 69

Cumberland_atp8 MPQ-FSP-MSWSVISLLVACHFLVIC---VV---LWWLG-AG-----G---YF
Cumberland_Morf MKATLCKVIEFVLNDGWLCLFYFVLFMACSN-----VLWRVYKVRK---GLY-K---KV
H_sapiens_atp8 MPQ-LNT-TVWPTMITPMLLLTLFLITOLKMLNTNYHLPPSPKPMKMNYN-----KP
Malawimonasatp8 MPQ-LDN-VTFLSQIFWCFFITFSLLYFIVLKNI---LPNIAKVLKIRK---KLF-D---YY
Thraustoch_atp8 MPQ-LDF-ITFTSQIFWLLIIFFIYVFFNQSI---VPFLARVLKIRR---KKS-FCNRKL
Mesostigma_atp8 MPQ-LDW-ITFLPQFVAVGFISFYIVCLRFF---LPRLARIFKVRN---AKAYS---DV
Reclinomon_atp8 MPQ-LDK-VTFFSQYFWLLIIFLTFYFFVFLKIV---LPTVVVTFKLRK---KKL-E---AM
Porphyra_atp8 MPQ-LDR-VIIFSQIFWLFMLFVAYISYAHFV---LSNVLKIFLVRWVKLRKDKIT-Q---VA
Cyanidiosc_atp8 MPQ-LDR-VIIVTQIFWLLLIMIVAYSFVIKRI---LPSSFRLKIRE---NFI-K---DL
Pseudendoc_atp8 MPQ-LDT-LTYFTQFVFLLVSFYIYYFVITYI---IPNTLTARKLRA---KFN-S---QL
Acanthamoe_atp8 MPQ-LDK-LSFATQYFWLTLFFFGLYFLSVNFF---VILVFKNLKLRN---IYI-K---IW
Nephroselm_atp8 MPQ-LDQ-VTFFSQFFWLCFFFTFYAVLLKSF---LPKMNRI LRFRK---KIH-Q---AS

cons * : 

Cumberland_atp8 --V-----SFFGEG--EVMLPLR-E---FGFNVC-----
Cumberland_Morf --KRVI-----GVIWKP-----TAVS-----
H_sapiens_atp8 WEPKWTK-IC--S-LHSL-----
Malawimonasatp8 -N-----SLFNNIN--TI--NN-N---Y---IVFKS-SDISNLF
Thraustoch_atp8 -TT-----AFFNENK--VL--FS-E---YDSALVKSS-RSLNNLF
Mesostigma_atp8 -SSK-----RTKMKL--EPL--H-S---FDSLNCNSL-EVSTGWI
Reclinomon_atp8 -ASEVE---QLKKEQ--SSI--LS-N---YDSVLIDSF-SSSREIF
Porphyra_atp8 LKSRLTK-LLIDSNSHSLREIYSAA--KSILLSLT--KKL---FDSNLNNPKI--SLQDL
Cyanidiosc_atp8 -IL-----N-V--E--KL--NK-E---ONTOL-KNT-IKLNQHY
Pseudendoc_atp8 -ESSKGL--LQV-PSEL---GGEAFIGELALESLT--SEA---FTQLACKSAASTVEDL
Acanthamoe_atp8 -YFFLYRFDYV--DYNNKH--KSL--VN-TSFSFIYYTLYINFFILTKNIFI
Nephroselm_atp8 -SD-----SYVGEY--QSL--LQ-N---YHTARIPEI-RTSTEHL

cons 

Cumberland_atp8 -----
Cumberland_Morf VKI--KKD-----K-----VEKPKV--MEK--AK-----
H_sapiens_atp8 -----P-----PQS-----
Malawimonasatp8 FII--NKNINDYNEIYK--NINNNNSYISNNIRN-----
Thraustoch_atp8 VNH--NSSLQSWVSINKGLFFINN-NFLDTKFLS-----
Mesostigma_atp8 QES--REEASNWEKSN-YQWR-----TNKK-S--LDQIKSSFQMLA--ENSHRR
Reclinomon_atp8 NST--VSKSNKWIDES-AR-S-----LNKTSL--LD-VNK--KYLNAINDINKE
Porphyra_atp8 NSLVLK-----VSLET-SL-----YSSK--SI---TKS
Cyanidiosc_atp8 -----INLIKNIILVQN-KFYDEILSNYYKIFI--KK-IN---LKE
Pseudendoc_atp8 NA--TN-KTGKHNISQ-AL-M-----LHYTYA--LA-----NKK
Acanthamoe_atp8 FEK--TKS-----I-----INKTQT--LNQ--SQRLLM--ISLLNN
Nephroselm_atp8 SKV--LGNTRNWVEST-LL-Q-----LNQTNEQNKQ-MNR--MYVRSIGEMTISQ

cons 

Cumberland_atp8 -----
Cumberland_Morf -----KGKKAAVSGK--VGKKS-----G
H_sapiens_atp8 -----YS-----LLNITRKLKSKVITNGK
Malawimonasatp8 -----YL-----ILIQSRF--FMVS-R
Thraustoch_atp8 -----FLFSEDLNFKGSKSPVTEK---IELGKIKYLRRSFT---L
Mesostigma_atp8 -----YL-----AFNKIK--SL--I
Reclinomon_atp8 -----GIYSHW-----T-----
Porphyra_atp8 -----TFFTYA-----SFMQLYK--NLIQRYLIN
Cyanidiosc_atp8 -----GLLNYE-----L-----TA--A
Pseudendoc_atp8 -----F-----LNSNSVDFVKKFQELNIDEI
Acanthamoe_atp8 -----
Nephroselm_atp8 TMMTTGFDLVFPPIQASQNTGVAKQ--KLYAQR-----ILNRLK--KKATSR

cons 