

Cedric Notredame

CPU TIME:1 sec.

SCORE=77

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**BAD AVG GOOD**

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Homo\_sapie : 79  
 Mus\_muscul : 79  
 Danio\_reri : 73  
 Gallus\_gal : 79  
 Pan\_troglo : 79  
 cons : 77

Homo_sapie	1	MRFFCARCCSFGPE	MPAVQLLLLACLVWDVGAR	TAQLRKANDQSGRC	47
Mus_muscul	1	-----	MPALHLLFLACLVWGMGAR	TAQFRKANDRSGRC	33
Danio_reri	1	-----	MWFLAVLWISSLLMGSQVQS	SANLRRANAGNGRC	34
Gallus_gal	1	-----	-----	-----	0
Pan_troglo	1	-----	MPAVQLLLLACLVWDVGAR	TARLRKANDQSGRC	33
cons	1				48

Homo_sapie	48	QYTFVSPNESSCPEQSQAMSVIHNLQRDSSTQRLDLEATKARLSSL	95
Mus_muscul	34	QYTFVSPNESSCPREDQAMSAIQDLQRDSSIQHADLESTKARVRS	81
Danio_reri	35	QYTFMVDSPTTEASCP-----SPGSTPEMEALMSRLGLL	67
Gallus_gal	1	-----	0
Pan_troglo	34	HYTFVSPNESSCPEQSQAMSVIHNLQRDSSTQRLDLEATKARLSSL	81
cons	49		96

Homo_sapie	96	ESLLHQTLTDQAA--RPQETQEGLORELGTLRRERDQLETQTRELETA	141
Mus_muscul	82	ESLLHQMTLGRVT--GTQEAQEGLOGQLGALRRERDQLETQTRDLEAA	127
Danio_reri	68	EALVARLVGGEAMPESSQSSGSLQDSYNQVMGENAQLKREKQRLDRQ	115
Gallus_gal	1	-----MLGLTRL-----	7
Pan_troglo	82	ESLLHQTLTDQAA--RPQETQEGLOKELGTLRRERDQLETQIRELETA	127
cons	97		144

Homo_sapie	142	YSNLLRDKSVLEEEKRLRQ--ENENLARRLESSSQEVARLRGQCPQ	187
Mus_muscul	128	YNNLLRDKSALEE-----SQILKENP	140
Danio_reri	116	VQDLQQRMEELRQEAERLRSRPCMQQTSSRVPQKDNSF-RPGSGHVPS	162
Gallus_gal	8	-----P-----	7
Pan_troglo	128	YSNLLRDKSVLEEEKRLRQ--ENENLARRLESSSQEVARLRGQCPQ	173
cons	145		192

Homo_sapie	188	TRDTARAVPP---GSREVSTWNLDTLAFQELKSELTEVPASRILKESP	232
Mus_muscul	141	-----SQILKENP	148
Danio_reri	163	NLASRPGNPQEDKSSLRDPAWQYSNPGYQELTAVVTEVTAPN-----	204
Gallus_gal	8	-----P-----GPPAATRWEPEPLGYQELKSERTELPASRLLEETA	43
Pan_troglo	174	TRDTARAVPP---GSREVSTWNLDTLAFQELKSELTEVPSRILKESP	218
cons	193		240

Homo\_sapie 233 SGYLRSGEGLD-TGCGELVWVGEPLTLRTAETITGKYGVWMRDPKPTYP 279  
Mus\_muscul 149 SGRPRSKEGD-KGCGALVWVGEPVTLRTAETIAGKYGVWMRDPKPTHP 195  
Danio\_reri 205 ---QDGPADI SGCGDLVWVENPEVHRKADSIAGKYGVWMQDPEAKEP 248  
Gallus\_gal 44 LGRPRAE--D-SGCGELAVWVGEVVVLGRADTIAGKYGVWVKDPPEVPAP 88  
Pan\_troglo 219 SGYLRSGEGLD-TGCGELVWVGEPLTLRTAETITGKYGVWMRDPKPTYP 265

cons 241 : \* .\*\*\* \* .\*\* : \* . \* : : \* : \* \* \* \* \* \* \* : \* : . \* 288

Homo\_sapie 280 YTQETTWRIDTVGTDVVRQVFEDLISQFMQGYPSKVHILPRPLESTGA 327  
Mus\_muscul 196 YTQESTWRIDTVGTEIRQVFESQISQFEQGYPSKVHVLPRALESTGA 243  
Danio\_reri 249 YGPD MVWRIDSVGSEVRQLFGYENMDQLTRGFPTKVLLLPESVESTGA 296  
Gallus\_gal 89 FTRETTWRVDTVGTEVVRQLFQYEAAEQLARGYPAKVHVLPRPLESTGA 136  
Pan\_troglo 266 YTQETTWRIDTVGTDVVRQVFEDLISQFMQGYPSKVHILPRPLESTGA 313

cons 289 : : .\*\* : \* : \* \* : : \* \* : \* . . \* : : \* : \* : \* \* : \* \* . . : \* \* \* \* \* 336

Homo\_sapie 328 VVYSGSLYFQGAESRTVIRYELNTE TVKAEKEIPGAGYHGQFPYSWGG 375  
Mus\_muscul 244 VVYAGSLYFQGAESRTVVRYELDTETVKAKEKEIPGAGYHGHFPYAWGG 291  
Danio\_reri 297 TMYKGSLLYYQRRLSRRLIRYDLHAESIAARRDLPHAGFHGQFPYSWGG 344  
Gallus\_gal 137 VVYRGGLFFQPRRSRALARYDLRAEAI SAERELPGAGYHGQFPYSWGG 184  
Pan\_troglo 314 VVYSGSLYFQGAESRTVIRYELNTE TVKAEKEIPGAGYHGQFPYSWGG 361

cons 337 . : \* . \* : : \* \* \* : : \* \* : \* : \* : : \* . : : \* \* \* : \* \* : : \* \* : \* \* \* 384

Homo\_sapie 376 YTDIDLAVDEAGLWVIYSTDEAKGAIVLSKLN PENLELEQTWETNIRK 423  
Mus\_muscul 292 YTDIDLAVDESGLWVIYSTEEAKGAIVLSKLN PANLELELERTWETNIRK 339  
Danio\_reri 345 YTDIDLAIENGLWAIYSTNKAKGAIVISQLDPHNLEV KGTWETKIRK 392  
Gallus\_gal 185 YTDIDLAVDETGLWVVYSTEKAKGAIVLSKLPETLEIRRTWETNIRK 232  
Pan\_troglo 362 YTDIDLAVDEAGLWVIYSTDEAKGAIVLSKLN PENLELEQTWETNIRK 409

cons 385 \* \* \* \* \* : \* \* \* \* . : \* \* \* : : \* \* \* \* \* : \* : \* \* \* . \* \* : . \* \* \* \* : \* \* \* 432

Homo\_sapie 424 QSVANAFIICGTLTYVSSYTSADATVNFA YDGTGTGISKTLTIPFKNRY 471  
Mus\_muscul 340 QSVANAFVICGILTYVSSYSSAHATVNFA YDTKTGTSKTLTIPFTNRY 387  
Danio\_reri 393 TSVANAFMICGKLYTVASYTSPNTTVNYMFD TATSQGKAISVPFKNRY 440  
Gallus\_gal 233 QSVANSFIICGTLTYVSSYSAPNATVNFA YDTATSTSRSL SIPFENRF 280  
Pan\_troglo 410 QSVANAFIICGTLTYVSSYSSADATVNFA YDGTGTGISKTLTIPFKNRY 457

cons 433 \* \* \* \* : \* : \* \* \* \* \* \* \* : \* : : . . : \* \* \* : : \* \* \* . . : : : : \* \* \* \* : 480

Homo\_sapie 472 KYSSMIDYNPLEKKLFAWDNLNMV TYDIKLSKM- 504  
Mus\_muscul 388 KYSSMIDYNPLERKLFAWDNFMV TYDIKLLEM- 420  
Danio\_reri 441 RYNSMVDYNSAKRKL YAWDNYYMVSYSVRLGKQE 474  
Gallus\_gal 281 RYLSMVDYNPAERRLFAWDSYNMVAYP VRLAHA- 313  
Pan\_troglo 458 KYSSMIDYNPLEKKLFAWDNLNMV TYDIKLSKM- 490

cons 481 : \* \* \* : \* \* \* . : : : \* : \* \* \* . \* \* : \* : \* : \* . 514