

T-COFFEE, Version_6.85 Tue Sep 9 14:03:25 WEST 2008

Cedric Notredame

CPU TIME:2 sec.

SCORE=81

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BAD AVG GOOD

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Homo_sapie : 84
Pan_troglo : 83
Canis_fami : 83
Mus_muscul : 84
Danio_reri : 83
Drosophill : 80
C_elegans : 75
A_thaliana : 74
cons : 81

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Homo_sapie 1 -----MSGRPRRTTSAESCKPVQQPSAFGSMKVSR-----D 31
Pan_troglo 1 -----MSGRPRRTTSAESCKPVQQPSAFGSMKVSR-----D 31
Canis_fami 1 -----MSGRPRRTTSAESCKPVQQPSAFGSMKVSR-----D 31
Mus_muscul 1 -----MSGRPRRTTSAESCKPVQQPSAFGSMKVSR-----D 31
Danio_reri 1 -----MSGRPRRTTSAESCKPVQQPSAFGSMKVSR-----D 31
Drosophill 1 -----
C_elegans 1 -----MNKQLLSCSL----- 10
A_thaliana 1 MASVGTLPASSMATKQSNASICAELKPEGINEMKIKDDKEMEAAVVD 47
cons 1 ----- 48
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Homo_sapie 32 KDGSKVTTVVAT--PGQGPDRPQEVSYTDTKVIIGNGSFGVVYQAKLCD 77
Pan_troglo 32 KDGSKVTTVVAT--PGQGPDRPQEVSYTDTKVIIGNGSFGVVYQAKLCD 77
Canis_fami 32 KDGSKVTTVVAT--PGQGPDRPQEVSYTDTKVIIGNGSFGVVYQAKLCD 77
Mus_muscul 32 KDGSKVTTVVAT--PGQGPDRPQEVSYTDTKVIIGNGSFGVVYQAKLCD 77
Danio_reri 32 KDGSKVTTVVAT--PGQGPDRPQEVSYTDTKVIIGNGSFGVVYQAKLCD 77
Drosophill 1 -----EVSYTDTKVIIGNGSFGVVFQAKLCD 25
C_elegans 11 KSGKQVTVMVASV-ATDGVDDQVVEISYYDQKVIIGNGSFGVVFQAKLCD 57
A_thaliana 48 GNGTETGHIIVTTIIGGKNGQPKQTISYMAERIVGQGSFGIVFQAKCLE 95
cons 49 -----: ** : : : * : * : * : * : * : * : * 96
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Homo_sapie 78 SGELVAIKKVLQDKRFKNRELQIMRKL DHCNIVRLRYFFYS SGEKKDE 125
Pan_troglo 78 SGELVAIKKVLQDKRFKNRELQIMRKL DHCNIVRLRYFFYS SGEKKDE 125
Canis_fami 78 SGELVAIKKVLQDKRFKNRELQIMRKL DHCNIVRLRYFFYS SGEKKDE 125
Mus_muscul 78 SGELVAIKKVLQDKRFKNRELQIMRKL DHCNIVRLRYFFYS SGEKKDE 125
Danio_reri 78 SGELVAIKKVLQDKRFKNRELQIMRKL DHCNIVRLRYFFYS SGEKKDE 125
Drosophill 26 TGELVAIKKVLQDRRFKNRELQIMRKL EHCNIVKLLYFFYS SGEK RDE 73
C_elegans 58 TNEMVAIKKVLQDKRFKNRELQIMRKL NHPNIVKLYFFYS SGEKKDE 105
A_thaliana 96 TGETVAIKKVLQDKRYKNRELQTMRLLDHPNVVSLKHCF FSTTEK-DE 142
cons 97 : . * * * * * * * * * * : : * * * * * * * * * * : : * * * * * * * * * * 144
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Homo_sapie	126	VYLNLVLDYV	PETVYRVARHYSRAKQ	TLPVIYVKLYMYQLFRSLAYIH	173
Pan_troglo	126	VYLNLVLDYV	PETVYRVARHYSRANRRSLI	IICKLYMYQLFRSLAYIH	173
Canis_fami	126	VYLNLVLDYV	PETVYRVARHYSRAKQ	TLPVIYVKLYMYQLFRSLAYIH	173
Mus_muscul	126	VYLNLVLDYV	PETVYRVARHYSRAKQ	TLPVIYVKLYMYQLFRSLAYIH	173
Danio_reri	126	VYLNLVLDYV	PETVYRVARHYSRAKQ	TLPMVYVKLYMYQLFRSLAYIH	173
Drosophill	74	VFLNLVLEYI	PETVYKVARQYAKTKQ	TIPINFIRLYMYQLFRSLAYIH	121
C_elegans	106	LYLNLILEYV	PETVYRVARHYSKQRQ	QIPMIYVKLYMYQLLRSLAYIH	153
A_thaliana	143	LYLNLVLEYV	PETVYRVSKHYSRANQRMPI	IYVKLYTYQICRALAYIH	190

cons 145 : : * * * * : * : * * * * * : * : : * : : : . : : : * * * * * : * : * * * * * 192

Homo_sapie	174	S-FGICHRDIKPQNLLDPDTAVLKLCDFGSAKQLVRGEPNVSYICSR	220
Pan_troglo	174	S-FGICHRDIKPQNLLDPDTAVLKLCDFGSAKQLVRGEPNVSYICSR	220
Canis_fami	174	S-FGICHRDIKPQNLLDPDTAVLKLCDFGSAKQLVRGEPNVSYICSR	220
Mus_muscul	174	S-FGICHRDIKPQNLLDPDTAVLKLCDFGSAKQLVRGEPNVSYICSR	220
Danio_reri	174	S-FGICHRDIKPQNLLDPDTAVLKLCDFGSAKQLVRGEPNVSYICSR	220
Drosophill	122	S-LGICHRDIKPQNLLDPETAVLKLCDFGSAKQLLHGEPNVSYICSR	168
C_elegans	154	S-IGICHRDIKPQNLLIDPESGVLKLCDFGSAKYLVNRNEPNVSYICSR	200
A_thaliana	191	GGVGVCHRDIKPQNLLVNPHTHQVKLCDFGSAKVLVKGEPNISYICSR	238

cons 193 . . * : * * * * * * * * * * : * : . : * * * * * * * * * * : * : . * * * * * * * * * * 240

Homo_sapie	221	YYRAPELIFGATDYTSSIDVWSAGCVLAELLLGQPIFPGDSGVDQLVE	268
Pan_troglo	221	YYRAPELIFGATDYTSSIDVWSAGCVLAELLLGQPIFPGDSGVDQLVE	268
Canis_fami	221	YYRAPELIFGATDYTSSIDVWSAGCVLAELLLGQPIFPGDSGVDQLVE	268
Mus_muscul	221	YYRAPELIFGATDYTSSIDVWSAGCVLAELLLGQPIFPGDSGVDQLVE	268
Danio_reri	221	YYRAPELIFGATDYTSSIDVWSAGCVLAELLLGQPIFPGDSGVDQLVE	268
Drosophill	169	YYRAPELIFGAINYTTKIDVWSAGCVLAELLLGQPIFPGDSGVDQLVE	216
C_elegans	201	YYRAPELIFGATNYTNSIDVWSAGTVMAEELLLGQPIFPGDSGVDQLVE	248
A_thaliana	239	YYRAPELIFGATEYTTTIDIWSAGCVLAELLLGQPLFPGESGVDQLVE	286

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

Homo_sapie	269	IIKVLGTPTREQIREMNPNYTEFKFPQIKAHPWTKDSSGTGHFTSGVR	316
Pan_troglo	269	IIKVLGTPTREQIREMNPNYTEFKFPQIKAHPWTK-----	303
Canis_fami	269	IIKVLGTPTREQIREMNPNYTEFKFPQIKAHPWTK-----	303
Mus_muscul	269	IIKVLGTPTREQIREMNPNYTEFKFPQIKAHPWTK-----	303
Danio_reri	269	IIKVLGTPTREQIREMNPNYTEFKFPQIKAHPWTK-----	303
Drosophill	217	VIKVLGTPTREQIREMNPNYTEFKFPQIKSHPWQK-----	251
C_elegans	249	IIKVLGTPTREQIQSMNPNYKEFKFPQIKAHPWNK-----	283
A_thaliana	287	IIKVLGTPTREEIKCMNPNYTEFKFPQIKAHPWHK-----	321

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

Homo_sapie	317	VFRPRTPEAIALCSRLLLEYTPPTARLTPLEACAHSFFDELRLDPNVKLL	363
Pan_troglo	304	VFRPRTPEAIALCSRLLLEYTPPTARLTPLEACAHSFFDELRLDPNVKLL	350
Canis_fami	304	VFRPRTPEAIALCSRLLLEYTPPTARLTPLEACAHSFFDELRLDPNVKLL	350
Mus_muscul	304	VFRPRTPEAIALCSRLLLEYTPPTARLTPLEACAHSFFDELRLDPNVKLL	350
Danio_reri	304	VFRPRTPEAIALCSRLLLEYTPPTARLTPLEACAHSFFDELRLDPNVKLL	350
Drosophill	252	VFRIRTPTEAINLVSLLLEYTPSARITPLKACAHPPFFDELRLMFGNHTL	299
C_elegans	284	VFRVHTPAEAIDLISKIIEYTPTSRPTPQAACQHAFDFDELRLNPDARL	330
A_thaliana	322	IFHKRTPPEAVDLVSRLLQYSPNLRSTAMEAIVHPFFDFDELRLDPNTRL	368

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

Homo_sapie	364	PNGRDTPALFNFTTQEL	SSNPPLATILIPPHARIQA	AASTPTNAT	408
Pan_troglo	351	PNGRDTPALFNFTTQEL	SSNPPLATILIPPHARIQA	AASTPTNAT	395
Canis_fami	351	PNGRDTPALFNFTTQD	-----	-----	366
Mus_muscul	351	PNGRDTPALFNFTTQEL	SSNPPLATILIPPHARIQA	AASPPANAT	395
Danio_reri	351	PNGREKPSLFNFTTQEL	SSNPPLASILIPAHARNQA	GASTPTNPS	395
Drosophill	300	PNGRDMPPLFNFTEHEL	SIQPSSLVPQLLPKHLQNAS	GGNRPSAGG	346
C_elegans	331	PSGRPLPTL	EMD	-----	342
A_thaliana	369	PNGRALPPLFNFKPQELK	GASLELLSKLIPDHARKQC	SFLAL	410
cons	385	*.***	*.*	-----	432

Homo_sapie	409	AAS	-----	-----	411	
Pan_troglo	396	AAS	-----	-----	398	
Canis_fami	367	-----	-----	-----	366	
Mus_muscul	396	AAS	-----	-----	398	
Danio_reri	396	ATS	-----	-----	398	
Drosophill	347	AAS	IAASGSTSVSSTGSGASVE	GSAQP	QSQGTAAAAGSGSGGATAGTG	394
C_elegans	343	-----	-----	GPMGT	-----	347
A_thaliana	411	-----	-----	-----	-----	410
cons	433	-----	-----	-----	-----	480

Homo_sapie	412	DANTGDRGQTNNAASASASNST	-----	-----	433
Pan_troglo	399	DANTGDRGQTNNAASASASNST	-----	-----	420
Canis_fami	367	-ANAGDRGQTNNAASASASNST	-----	-----	387
Mus_muscul	399	DTNAGDRGQTNNAASASASNST	-----	-----	420
Danio_reri	399	DANSGDRSQTTTAAASASASNST	-----	-----	421
Drosophill	395	GASAGGPGSGNNSSSGGASGAP	SAVAAGGANAAVAGGAGGGGGAGAAT	-----	442
C_elegans	348	-----	GEVSTTSGDVAGPSA	-----	362
A_thaliana	411	-----	-----	-----	410
cons	481	-----	-----	-----	528

Homo_sapie	434	-----	-----	-----	433
Pan_troglo	421	-----	-----	-----	420
Canis_fami	388	-----	-----	-----	387
Mus_muscul	421	-----	-----	-----	420
Danio_reri	422	-----	-----	-----	421
Drosophill	443	AAATATGAIGATNAGGANVTGSQNSALNSSGGSGNGEAAAGSGSGS	-----	-----	490
C_elegans	363	-----	-----	-----	362
A_thaliana	411	-----	-----	-----	410
cons	529	-----	-----	-----	576

Homo_sapie	434	-----	433
Pan_troglo	421	-----	420
Canis_fami	388	-----	387
Mus_muscul	421	-----	420
Danio_reri	422	-----	421
Drosophill	491	GSGSGGGNGGDNDAGDSGAIASGGGAAETEAAASG	525
C_elegans	363	-----	362
A_thaliana	411	-----	410
cons	577	-----	611

