

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

Cedric Notredame

CPU TIME:8 sec.

SCORE=74

*

BAD **AVG** **GOOD**

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Homo_sapie	:	79
Pan_troglo	:	66
Canis_lupu	:	78
Bos_taurus	:	67
Mus_muscul	:	78
Rattus_nor	:	79
Gallus_gal	:	75
Danio_reri	:	63
cons	:	74

Homo_sapie	1	MEVQLGLGRVYPRPPSKTYRGAFQNLFQSVREVIQNPGPRHPEAASAA	48
Pan_troglo	1	-----	0
Canis_lupu	1	MEVQLGLGRVYPRPPSKTYRGAFQNLFQSVREVIQNPGPRHPEAVSAA	48
Bos_taurus	1	MEVQLGLGRVYPRPPSKTYRGAFQNLFQSVCEVIQNPLPRHPEASSAA	48
Mus_muscul	1	MEVQLGLGRVYPRPPSKTYRGAFQNLFQSVREAIQNPGPRHPEAANIA	48
Rattus_nor	1	MEVQLGLGRVYPRPPSKTYRGAFQNLFQSVREAIQNPGPRHPEAASIA	48
Gallus_gal	1	MEVQLGIGRVYPRPPGRTFRGVFQTFQSVCEAFQ--APRDEPGPGLP	46
Danio_reri	1	MEVPVGLVEAC-ESPDAVFHGPYQSVFQNV RVA-RASNPESLDISSSK	46
cons	1	-----	48

Homo_sapie	49	PPGASL-----	54
Pan_troglo	1	-----	0
Canis_lupu	49	PPGAHLQQQQQQQQQQQETSPPRQQQQQQQGDDGSPQAQSRGPTGYLALD	96
Bos_taurus	49	PSGARL-----	54
Mus_muscul	49	PPGACL-----QQRQETSPPRRRRRQQHTEDGSPQAHIRGPTGYLAL E	90
Rattus_nor	49	PPGACL-----QQRQETSPPRRRRRQQHPEDGSPQAHIRGTTGYLAL E	90
Gallus_gal	47	APGAPCPQ-----	54
Danio_reri	47	KCG-----CLQEGSSRE-----	58
cons	49	-----	96

Homo_sapie	55	-----	54
Pan_troglo	1	-----	0
Canis_lupu	97	EEQQPSQQRSASKGHPESACVPEP--GVTSATGKGLQQQQPAPPDEND	142
Bos_taurus	55	-----	54
Mus_muscul	91	EEQQPSQQQAASEGHPES SCLPEP--GAATAPGKGLPQQPPAPPDQDD	136
Rattus_nor	91	EEQQPSQQQSASEGHPESGCLPEP--GAATAPGKGLPQQPPAPPDQDD	136
Gallus_gal	55	-----SPRPPPVASPAFLPLPEP--RAAARPAMGSP-----	83
Danio_reri	59	-----MRLSELSSFRRIICPEKEYESASSVIQAAASRIHFLKSSSG	100
cons	97	-----	144


Homo_sapie	55	-----L-LLQQQQQQQQQQ	68
Pan_troglo	1	-----	0
Canis_lupu	143	SAAPSTLSLLGPTFPGLSSCSTDLDKILSEAGTMQLLQQQRQQQQQQ	190
Bos_taurus	55	-----Q-QQQETSP	62
Mus_muscul	137	SAAPSTLSLLGPTFPGLSSCSADIKDILNEAGTMQLLQ-QQQQQQQHQ	183
Rattus_nor	137	SAAPSTLSLLGPTFPGLSSCSADIKDILSEAGTMQLLQ-QQQQQQQQQ	183
Gallus_gal	84	-----	83
Danio_reri	101	SKSDSSLSSSGSGRTDATESSG-----SRAGFLRVVE-SGQKCGAV	141
cons	145	-----	192


Homo_sapie	69	QQQQQQQQQQQQE TSPRQQQQQQGEDGSPQAHRRGPTGYLVLD EEQQP	116
Pan_troglo	1	-----	0
Canis_lupu	191	QQQQQQQQQQQQ	202
Bos_taurus	63	RQQQQQQQQRED-----GSPQVQSRGPTGYLAL EEEQQP	96
Mus_muscul	184	QQHQHQHQHQ--E	194
Rattus_nor	184	QQQQQQQQQQQQE	196
Gallus_gal	84	-----	83
Danio_reri	142	EVHTRELGS-G-R	152
cons	193	-----	240


Homo_sapie	117	SQPQSALECHPERGCVPEPGA AVAASKGLPQQLPAPPDEDDSAAPSTL	164
Pan_troglo	1	-----	0
Canis_lupu	203	-----	202
Bos_taurus	97	SQHHSAP EGHPESGCVPEPRAASAAGKGLQPP P PPLDEDDSAAPSTL	144
Mus_muscul	195	-----	194
Rattus_nor	197	-----	196
Gallus_gal	84	-----	83
Danio_reri	153	-----	152
cons	241	-----	288


Homo_sapie	165	SLLGPTFPGLSSCSADLDKILSEASTMQLLQ---QQQQEAVSEGSSSG	209
Pan_troglo	1	-----	0
Canis_lupu	203	-----E VVSEGSSSG	212
Bos_taurus	145	SLLGPTFPGLSSCSTDLDKILSEAGTMQLLQQQQQQQQEAVSEGSS-G	191
Mus_muscul	195	-----VISEGSSA-	202
Rattus_nor	197	-----VISEGSSSV	205
Gallus_gal	84	----FP----CAGDLKELLGEPGVLPLL PPEA--E----PGA-G	112
Danio_reri	153	-----DASV-ASSS	160
cons	289	-----	336


Homo_sapie	210	RAREASGAPTSSKDN YLGGTSTISDNAKELCKAVSVSMGLGVEALE--	255
Pan_troglo	1	-----MYLAVIVVGIK--	11
Canis_lupu	213	RAREAAGASTSSKDSYLGGSS TISDSAKELCKAVSVSMGLGVEALE--	258
Bos_taurus	192	RAREATGAPISSKDSYLGGSS TISDSAKELCKAVSVSMGLGVEALE--	237
Mus_muscul	203	RAREATGAPSSSKDSYLGGNSTISDSAKELCKAVSVSMGLGVEALE--	248
Rattus_nor	206	RAREATGAPSSSKDSYLGGNSTISDSAKELCKAVSVSMGLGVEALE--	251
Gallus_gal	113	RAEPAL-----KEDFLG-----DSAKELCKAVSASMGLAVETLE	146
Danio_reri	161	RACTTATITSSSSSSSSTTTTCTISETARELCKAVSVSLGLAMESSELG	208
cons	337	-----: : : :	384


Homo_sapie	473	GEAGAVA--PYGYTRPPQGLAGQESDFTAPDVWYPGGMVSRVPYPSP-	517
Pan_troglo	20	-----NKPPVNSF-	27
Canis_lupu	460	GDGGSVA--PYGYTRPPQGLAGQEGDFPPPVDWYPGGVVSRVPFPSP-	504
Bos_taurus	443	GEAGAVA--PYGYTRPPQGLAGQEGDFSPPVDWYPGGVVSRVPYPSP-	487
Mus_muscul	452	SDAGPVA--PYGYTRPPQGLTSQESDYSASEVWYPGGVVNRVPYPSP-	496
Rattus_nor	455	SDAGPVA--PYGYTRPPQGLASQEGDFSASEVWYPGGVVNRVPYPSP-	499
Gallus_gal	273	-----FGCGRP-----ENADFAA-DAWHP---MARAPYAAPG	300
Danio_reri	428	GHEPPFI ^{CN} PYEYGRST-ALV--PRERPPHEQWYPGGMLTRHPYPNV-	471
cons	625	 : *	672


Homo_sapie	518	TCVKSEMGPWMDSYSGPYGDMRLETARDHVLPIDYYFPPQKTCLICGD	565
Pan_troglo	28	FSIRSSDGRCEKN-IGSVRFNSLETARDHVLPIDYYFPPQKTCLICGD	74
Canis_lupu	505	SCVKSEMGSWMESYSGPYGDMRLETARDHVLPIDYYFPPQKTCLICGD	552
Bos_taurus	488	SCVKSEMGPWMENYSGPYGDM-----	508
Mus_muscul	497	NCVKSEMGPWMENYSGPYGDMRLDSTRDHVLPIDYYFPPQKTCLICGD	544
Rattus_nor	500	SCVKSEMGPWMENYSGPYGDMRLDSTRDHVLPIDYYFPPQKTCLICGD	547
Gallus_gal	301	SCIKSELGPWAEGYAGAYGDVRLLEAGREHILPIDYYFPPQKTCLICGD	348
Danio_reri	472	PGVKNEMGEWMDVTS--FTDGRFDGGRSDIFPMEFFLPPQRTCLICSD	517
cons	673	 : : . . * .	720


Homo_sapie	566	EASGCHYGALTCGSCKVFFKRAAEGKQKYL CASRNDCTIDKFRRKNCP	613
Pan_troglo	75	EASGCHYGALTCGSCKVFFKRAAEGKQKYL CASRNDCTIDKFRRKNCP	122
Canis_lupu	553	EASGCHYGALTCGSCKVFFKRAAEGKQKYL CASRNDCTIDKFRRKNCP	600
Bos_taurus	509	-----	508
Mus_muscul	545	EASGCHYGALTCGSCKVFFKRAAEGKQKYL CASRNDCTIDKFRRKNCP	592
Rattus_nor	548	EASGCHYGALTCGSCKVFFKRAAEGKQKYL CASRNDCTIDKFRRKNCP	595
Gallus_gal	349	EASGCHYGALTCGSCKVFFKRAAEGKQKYL CASRNDCTIDKFRRKNCP	396
Danio_reri	518	EASGCHYGALTCGSCKVFFKRAAEGKQKYL CASRNDCTIDKLRRKNCP	565
cons	721		768


Homo_sapie	614	SCRLRKCYEAGMTLGARKLKKLGNLKLQEEGEASSTTSPTTEETTQKLT	661
Pan_troglo	123	SCRLRKCYEAGMTLG-----ETTVRLS	144
Canis_lupu	601	SCRLRKCYEAGMTLGARKLKKLGNLKLQEEGEASNVTSPTTEEPTQKLT	648
Bos_taurus	509	-----	508
Mus_muscul	593	SCRLRKCYEAGMTLGARKLKKLGNLKLQEEGENSNAGSPTEDPSQKMT	640
Rattus_nor	596	SCRLRKCYEAGMTLGARKLKKLGNLKLQEEGENSSAGSPTEDPSQKMT	643
Gallus_gal	397	SCRLRKCYEAGMTLGARKLKKLGLSLKTQDEAAASSSSPTEEQAPKMV	444
Danio_reri	566	SCRLKKCFEVGMTLGARKLRKIGQMKGPDE--VGAVQGPSE-TVQCLS	610
cons	769		816


Homo_sapie	662	VSHIEGYECQPIFLNVLEAIEPGVVCAGHDNNQPDSFAALLSSLNELG	709
Pan_troglo	145	LLHLPGFECKTNVYS-----	159
Canis_lupu	649	VSHIEGYECQPIFLNVLEAIEPGVVCAGHDNNQPDSFAALLSSLNELG	696
Bos_taurus	509	-----	508
Mus_muscul	641	VSHIEGYECQPIFLNVLEAIEPGVVCAGHDNNQPDSFAALLSSLNELG	688
Rattus_nor	644	VSHIEGYECQPIFLNVLEAIEPGVVCAGHDNNQPDSFAALLSSLNELG	691
Gallus_gal	445	MTHVNGFECQPIFLNVLEAIEPAVVCAGHDNSQPDSFSNLLSSLNELG	492
Danio_reri	611	PKPNLTFHSQLIFLNILEAIEPEVVNAGHDHGQPDSAAALLTSLNELG	658
cons	817		864

Homo_sapie	710	ERQLVHVVKWAKALPGFRNLHVDDQMAVIQYSWMGLMVFAMGWRS-FT	756
Pan_troglo	160	-----V-----DLGWRVLYK	169
Canis_lupu	697	ERQLVHVVKWAKALPGFRNLHVDDQMAVIQYSWMGLMVFAMGWRS-FT	743
Bos_taurus	509	-----	508
Mus_muscul	689	ERQLVHVVKWAKALPGFRNLHVDDQMAVIQYSWMGLMVFAMGWRS-FT	735
Rattus_nor	692	ERQLVHVVKWAKALPGFRNLHVDDQMAVIQYSWMGLMVFAMGWRS-FT	738
Gallus_gal	493	ERQLVYVVKWAKALPGFRNLHVDDQMSIIQYSWMGLMIFAMGWRS-FT	539
Danio_reri	659	ERQLVKVVKWAKGLPGFRNLHVDDQMTVIQHTWMGMVFALGWRS-YK	705
cons	865		912

Homo_sapie	757	NVNSRMLYFAPDLVFNEYRMHKSRMYSQCVRMRHLSQEFGLQITPQE	804
Pan_troglo	170	SISSQVLYFSKEFVFNVMHKSRMYSQCVRMRHLSQEFGLQITPQE	217
Canis_lupu	744	NVNSRMLYFAPDLVFNEYRMHKSRMYSQCVRMRHLSQEFGLQITPQE	791
Bos_taurus	509	-----	508
Mus_muscul	736	NVNSRMLYFAPDLVFNEYRMHKSRMYSQCVRMRHLSQEFGLQITPQE	783
Rattus_nor	739	NVNSRMLYFAPDLVFNEYRMHKSRMYSQCVRMRHLSQEFGLQITPQE	786
Gallus_gal	540	NVNSRMLYFAPDLVFNEYRMHKSRMYSQCVRMRQLSQEFGLQITPQE	587
Danio_reri	706	NANARMLYFAPDLVFNDRRMHVSSMYEHCVMKHLSQEFVLLQVTQEE	753
cons	913		960

Homo_sapie	805	FLCMKALLLFSIIPVDGLKNQKFFDELRMNYIKELDRIIACKRKNPTS	852
Pan_troglo	218	FLCMKALLLFSI-----	229
Canis_lupu	792	FLCMKALLLFSIIPVDGLKNQKFFDELRMNYIKELDRIIACKRKNPTS	839
Bos_taurus	509	-----	508
Mus_muscul	784	FLCMKALLLFSIIPVDGLKNQKFFDELRMNYIKELDRIIACKRKNPTS	831
Rattus_nor	787	FLCMKALLLFSIIPVDGLKNQKFFDELRMNYIKELDRIIACKRKNPTS	834
Gallus_gal	588	FLCMKALLLFSIIPVDGLKNQKLFDELRMNYIKELDRIIACKRKNPTS	635
Danio_reri	754	FLCMKALLLFSVIPVEGLKSQKYFDELRLTYINELDRLINYGRR--TN	799
cons	961		1008

Homo_sapie	853	CSRRFYQLTKLLDSVQPIARELHQFTFDLLIKSHMV--SVDFPEMMAE	898
Pan_troglo	230	-----SKWGERGHQFTFDLLIKSHMV--SVDFPEMMAE	260
Canis_lupu	840	CSRRFYQLTKLLDSVQPIARELHQFTFDLLIKSHMV--SVDFPEMMAE	885
Bos_taurus	509	-----	508
Mus_muscul	832	CSRRFYQLTKLLDSVQPIARELHQFTFDLLIKSHMV--SVDFPEMMAE	877
Rattus_nor	835	CSRRFYQLTKLLDSVQPIARELHQFTFDLLIKSHMV--SVDFPEMMAE	880
Gallus_gal	636	CSRRFYQLTKVLDVHPHIAKDLHQFTFDLLIKAHMV--SVDYPEMMAE	681
Danio_reri	800	CAMRFQQLTRLMDSLQPVVQKLHQFTFDLQVARSLLPTKVSFPEMIAE	847
cons	1009		1056

Homo_sapie	899	IISVQVPKILSGKVKPIYFHTQ	920
Pan_troglo	261	IISVQVPKILSGKVKPIYFHTQ	282
Canis_lupu	886	IISVQVPKILSGKVKPIYFHTQ	907
Bos_taurus	509	-----R	509
Mus_muscul	878	IISVQVPKILSGKVKPIYFHTQ	899
Rattus_nor	881	IISVQVPKILSGKVKPIYFHTQ	902
Gallus_gal	682	IISVQVPKILSGKVKPIYFHAE	703
Danio_reri	848	IISVQVPKMLAGLSKPILFHK-	868
cons	1057		1078

