

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

Cedric Notredame

CPU TIME:9 sec.

SCORE=56

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BAD AVG GOOD

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Homo_sapie	:	62
Pan_troglo	:	61
Canis_fami	:	61
Bos_taurus	:	60
Mus_muscul	:	59
Rattus_nor	:	60
Danio_reri	:	31
cons	:	56

Homo_sapie	1	-----MVA-----	3
Pan_troglo	1	-----MTQQEQGLESRTNSSRNVRGAIGHKSVAGSQEII	34
Canis_fami	1	-----MVA-----	3
Bos_taurus	1	MWLLMRGPRKHIPAPPPFVVFSSSQIIKVMLLQ-----	33
Mus_muscul	1	-----MAA-----	3
Rattus_nor	1	-----MVA-----	3
Danio_reri	1	-----MAAAESGEE-----	9
cons	1	-----	48

Homo_sapie	4	-----	3
Pan_troglo	35	PIFEISDYLEGNILEPSLANSDARSNSGLNSGGEQESHVDGELPAITA	82
Canis_fami	4	-----	3
Bos_taurus	34	-----	33
Mus_muscul	4	-----	3
Rattus_nor	4	-----	3
Danio_reri	10	-----	9
cons	49	-----	96

Homo_sapie	4	-----	3
Pan_troglo	83	NDGRARSGAEGGARARRCSSARAGQEGGARRRPGVPPASAARALPPLG	130
Canis_fami	4	-----	3
Bos_taurus	34	-----	33
Mus_muscul	4	-----	3
Rattus_nor	4	-----	3
Danio_reri	10	-----	9
cons	97	-----	144

Homo_sapie	4	-----GMLGLR-EEKSEDQDLQGLKDKP	25
Pan_troglo	131	ERAVVKAVRKMAAAAAAAPSGGGGGGEEERL-EEKSEDQDLQGLKDKP	177
Canis_fami	4	-----GMLGLR-EEKSEDQDLQGLKDKP	25
Bos_taurus	34	-----GCCGLR-EEKSEEQDLQGLKDKP	55
Mus_muscul	4	-----AAATAAAAAAAPSGGGGGGEEERL-EEKSEDQDLQGLRDKP	42
Rattus_nor	4	-----GMLGLR-KEKSEDQDLQGLKEKP	25
Danio_reri	10	-----RLRGEDKN--EDQEGSKDKT	27
cons	145	-----::*. :* :* :*. :*	192

Homo_sapie	26	LKFVKVKKDKKKEEKEGKHEPVQP-----SAHHS AEP AEA GKAETSEG	67
Pan_troglo	178	LKFVKVKKDKKKEEKEGKHEPVQP-----SAHHS AEP AEA GKAETSEG	219
Canis_fami	26	LKFVKVKKKEKEDKEGKHEPLQP-----PAHHS AEP AEA GKAETSEG	67
Bos_taurus	56	LKFVKVKKDKKEDKEGKHEPLQP-----AAHHS AEP AEA GKAETSEG	97
Mus_muscul	43	LKFVKAKKDKKEDKEGKHEPLQP-----SAHHS AEP AEA GKAETSES	84
Rattus_nor	26	LKFVKVKKDKKEDKEGKHEPLQP-----SAHHS AEP AEA GKAETSES	67
Danio_reri	28	QKHKSKSKERHDVEKLETTVSVPPPPSLFTQRDVGQQAEAGKSEPIDP	75

cons	193	*.*.* **::: : : * . : . : *****:*. :	240
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Homo_sapie	68	S-GSAPAVPEASASPKQRRSIIRDGRGPMYDDPTLPEGWTRKLLKQRKSG	114
Pan_troglo	220	S-GSAPAVPEASASPKQRRSIIRDGRGPMYDDPTLPEGWTRKLLKQRKSG	266
Canis_fami	68	S-GSAPAVPEASASPKQRRSIIRDGRGPMYDDPTLPEGWTRKLLKQRKSG	114
Bos_taurus	98	S-GSAPAVPEASASPKQRRSIIRDGRGPMYDDPTLPEGWTRKLLKQRKSG	144
Mus_muscul	85	S-GSAPAVPEASASPKQRRSIIRDGRGPMYDDPTLPEGWTRKLLKQRKSG	131
Rattus_nor	68	S-GSAPAVPEASASPKQRRSIIRDGRGPMYDDPTLPEGWTRKLLKQRKSG	114
Danio_reri	76	EVGAALSAP E S S A S A K Q R R S V I R D R G P M Y E D P S L P Q G W T R K L L K Q R K S G	123

cons	241	. *:* :.*:* ** . *****:*****:***:***:*****	288
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Homo_sapie	115	RSAGKYDVY LINPQGKAFRSKVELIAYFEKVGDTSLDPNDFDFTVTGR	162
Pan_troglo	267	RSAGKYDVY LINPQGKAFRSKVELIAYFEKVGDTSLDPNDFDFTVTGR	314
Canis_fami	115	RSAGKYDVY LINPQGKAFRSKVELIAYFEKVGDTSLDPNDFDFTVTGR	162
Bos_taurus	145	RSAGKYDVY LINPQGKAFRSKVELIAYFEKVGDTSLDPNDFDFTVTGR	192
Mus_muscul	132	RSAGKYDVY LINPQGKAFRSKVELIAYFEKVGDTSLDPNDFDFTVTGR	179
Rattus_nor	115	RSAGKYDVY LINPQGKAFRSKVELIAYFEKVGDTSLDPNDFDFTVTGR	162
Danio_reri	124	RSAGKFDVY LINPEGKAFRSKVELMAYFQKVGDTITDPNDFDFTVTGR	171

cons	289	*****:*****:*****:***:***** *****	336
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Homo_sapie	163	GSPSRREQPPKKPKSPKAPGTGRGRGRPKGSGTTRPKAATSEGVQVK	210
Pan_troglo	315	GSPSRREQPPKKPKSPKAPGTGRGRGRPKGSGTTRPKAATSEGVQVK	362
Canis_fami	163	GSPSRREQPPKKPKSPKAPGTGRGRGRPKGSGTARPKAATSEGVQVK	210
Bos_taurus	193	GSPSRREQPPKKPKSPKAPGTGRGRGRPKGSGTTRPKAAAASEGVQVK	240
Mus_muscul	180	GSPSRREQPPKKPKSPKAPGTGRGRGRPKGSGTGRPKAAAASEGVQVK	227
Rattus_nor	163	GSPSRREQPPKKPKSPKAPGTGRGRGRPKGSGTGRPKAAAASEGVQVK	210
Danio_reri	172	GSPSRREKRPPKKPKMVKPSGRGRGRPKGSGK--VRQ--ATEGVAVK	214

cons	337	*****:***** *.*.* ***** : .* * : :*** **	384
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Homo_sapie	211	RVLEKSPGKLLVKMPFQTSPGGKAEGGGATTSTQVMVIKRPGRKRKAE	258
Pan_troglo	363	RVLEKSPGKLLVKMPFQTSPGGKAEGGGATTSTQVMVIKRPGRKRKAE	410
Canis_fami	211	RVLEKSPGKLLVKMPFQASPGSKAEGGGATTSAQVMVIKRPGRKRKAE	258
Bos_taurus	241	RVLEKSPGKLLVKMPFQAAPGSKAEGGGATTSAQVMVIKRPGRKRKAE	288
Mus_muscul	228	RVLEKSPGKLVKMPFQASPGGKGEGGGATTSAQVMVIKRPGRKRKAE	275
Rattus_nor	211	RVLEKSPGKLLVKMPFQASPGGKGEGGGATTSAQVMVIKRPGRKRKAE	258
Danio_reri	215	RVIEKSPGKLLVKMPFVA-P--KTEPGAPLGQAPVAKARR-GRKRKSE	258

cons	385	*:* *****:***** : * * * * . . : * : * *****:	432
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Homo_sapie	259	ADPQAIPKKRGRKPGSV	-----	VAAAAAEAKKKAVKES	291
Pan_troglo	411	ADPQAIPKKRGRKPGSV	-----	VAAAAAEAKKKAVKES	443
Canis_fami	259	ADPQAIPKKRGRKPGSV	-----	VAAAAAEAKKKAVKES	291
Bos_taurus	289	ADPQAIPKKRGRKPGSV	-----	VAAATAEAKKKAVKES	321
Mus_muscul	276	ADPQAIPKKRGRKPGSV	-----	VAAAAAEAKKKAVKES	308
Rattus_nor	259	ADPQAIPKKRGRKPGSV	-----	VAAAAAEAKKKAVKES	291
Danio_reri	259	QDPPSTPKKRGRKPATV	SQSTVGTGSAAAYAA	AAILTAEAKKKALKES	306

cons	433	** : ***** : *		. * :*****:***	480
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Homo_sapie	292	SIRSVQETVLPIKKRKTRETV	-----	SIEVKEVVKPLLVSTL	---G	329
Pan_troglo	444	SIRSVQETVLPIKKRKTRETV	-----	SIEVKEVVKPLLVSTL	---G	481
Canis_fami	292	SIRSVQETVLPIKKRKTRETV	-----	SIEVKEVVKPLLVSTL	---G	329
Bos_taurus	322	SIRSVQETVLPIKKRKTRETV	-----	SIEVKEVVKPLLVSTL	---G	359
Mus_muscul	309	SIRSVHETVLPIKKRKTRETV	-----	SIEVKEVVKPLLVSTL	---G	346
Rattus_nor	292	SIRSVQETVLPIKKRKTRETV	-----	SIEVKEVVKPLLVSTL	---G	329
Danio_reri	307	SAKPVQERALPIKKRKTRETL	EEL EAST	TSATETF EKRLTASTV	TPTG	354

cons	481	* : . * : * .*****:***** :		: . : . * * .** :	*	528
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Homo_sapie	330	EKSGKGLKTKSPGRKSKESSPKG	--R	SSSAS	--SPP	-----	362
Pan_troglo	482	EKSGKGLKTKSPGRKSKESSPKG	--R	SSSAS	--SPP	-----	514
Canis_fami	330	EKSGKGLKTKSPGRKSKESSPKG	--R	SSSAS	--SPP	-----	362
Bos_taurus	360	EKSGKGLKTKSPGRKSKESSPKG	--R	SGSAS	--SPP	-----	392
Mus_muscul	347	EKSGKGLKTKSPGRKSKESSPKG	--R	SSSAS	--SPP	-----	379
Rattus_nor	330	EKSGKGLKTKSPGRKSKESSPKG	--R	SSSAS	--SPP	-----	362
Danio_reri	355	EAAETGQKPHKHSRKHKEADPGS	SS	SGTTAS	GV	APKSHKKRDQRGQH	402

cons	529	* : . * * . * * .** * : . * .		. : **	: *		576
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Homo_sapie	363	-KKEHHHHHHHSESPKAPVLLPPL	PPPPPEPE	-S---	SEDPTSPPEP	405
Pan_troglo	515	-KKEHHHHHHHSESPKAPVLLPPL	PPPPPEPE	-S---	SEDPTSPPEP	557
Canis_fami	363	-KKEHHHHHHHSEPPKAPAPLLPPP	PPPPPEPQ	-S---	SEDPASPPEP	405
Bos_taurus	393	-KKEHHHHHHHVEPPKAPAPLLPPP	PPPPPEPQ	-S---	SEDPASPPEP	435
Mus_muscul	380	-KKEHHHHHHHSESTKAPMPLL	PPPPPEPE	-S---	SEDPI SPPEP	420
Rattus_nor	363	-KKEHHHHHHHAESPAPMPLL	PPPPPEPQ	-S---	SEDPI SPPEP	403
Danio_reri	403	FKHHHHHHHHH-HQHQLQASTPST	-YTPQAHQL	SLGH	STHGLEN	448

cons	577	* : .***** . : .		. * : *	* . **		624
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Homo_sapie	406	QDLSSSVCKEEKMPRGGSL	ESDGC PK EAKTQPAVATAA	-----	T	445
Pan_troglo	558	QDLSSSVCKEEKMPRGGSL	ESDGC PK EAKTQPAVATAA	-----	T	597
Canis_fami	406	QDLSSGVCCKEEKMARGGSL	ESDGC PK EAKTQPTVATAA	-----	T	445
Bos_taurus	436	QDLSSSVCKEEKMPRAGSL	ESDGC PK EAKTQPALATAA	-----	P	475
Mus_muscul	421	QDLSSSICCKEEKMPRGGSL	ESDGC PK EAKTQPMVATTT	-----	T	460
Rattus_nor	404	QDLSSSICCKEEKMPRAGSL	ESDGC PK EAKTQPMVAAAA	TTTTTTTTT	T	451
Danio_reri	449	QDLSTSRPKAEHVACREEAR	TGSSSSRDSQNASKMASMT	-----	V	488

cons	625	**** : . * * : : . . :		: : . : * : :		672
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Homo_sapie	446	AAEKYKHRGEGERKDIVS	-	SSMPRPNREEPVDSRTPVTERVS	486
Pan_troglo	598	AAEKYKHRGEGERKDIVS	-	SSMPRPNREEPVDSRTPVTERVS	638
Canis_fami	446	AADKYKHRGEGERKDIVS	-	SSMPRPNREEPVDSRTPVTERVS	486
Bos_taurus	476	ATEKYKHRGEGERKDIVS	-	SSMPRPNREEPVDSRTPVTERVS	516
Mus_muscul	461	VAEKYKHRGEGERKDIVS	-	SSMPRPNREEPVDSRTPVTERVS	501
Rattus_nor	452	VAEKYKHRGEGERKDIVS	-	SSMPRPNREEPVDSRTPVTERVS	492
Danio_reri	489	TGE-----SKELRDIVP	P	SAVPRPSREETVESRTPVSEPV	524
cons	673	. : . * :***.		*::***.***.*:*****:* **	714