

T-COFFEE, Version_6.85Tue Sep 9 14:03:25 WEST 2008
Cedric Notredame
CPU TIME:20 sec.
SCORE=26

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BAD AVG GOOD

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Homo_Sapie : 27
Bos_Taurus : 26
Mus_muscul : 29
Rattus_nor : 27
Gallus_gal : 22
cons : 26

Homo_Sapie	1	-----	ACTCTTCTGGTCCCCA--	CAGACTCAGAG	27
Bos_Taurus	1	CGCGCACTCGCAGCCCCGC	ACTCTTCTGGTCCAGACC	CAGACTCTGAG	48
Mus_muscul	1	-----G-----	ACACTTCTGATTCTGA--	CAGACTCAGGA	28
Rattus_nor	1	-----	ACA--TTCTCCTTCTTA--	TAGACTCAGGA	26
Gallus_gal	1	-----	-----G-----	-----G	2
cons	1				48

Homo_Sapie	28	AGAACCACCATGGTGCTGTCT-	CCTGCCGACAAGACCAACGTCAAGG	74
Bos_Taurus	49	AGAACCACCATGGTGCTGTCT-	GCCGCCGACAAGGGCAATGTCAAGG	95
Mus_muscul	29	AGAA---ACCATGGTGCTCTCT-	GGGGAAGACAAAAGCAACATCAAGG	72
Rattus_nor	27	AGCA---ATCATGGTGCTCTCT-	GCAGATGACAAAACCAACATCAAGA	70
Gallus_gal	3	TGCA---ACCATGGTGCTGTCC	CGTGCTGACAAGAACAACGTCAAGG	47
cons	49	* * * * * * * * * *	* * * * * * * * * *	96

Homo_Sapie	75	CCGCCTGGGGTAAGGTCGGCGCGCACGCTGGCGAGTATGGTGCGGAGG	122
Bos_Taurus	96	CCGCCTGGGGCAAGGTTGGCGGCCACGCTGCAGAGTATGGCGCAGAGG	143
Mus_muscul	73	CTGCCTGGGGGAAGATTGGTGGCCATGGTGCTGAATATGGAGCTGAAG	120
Rattus_nor	71	ACTGCTGGGGGAAGATTGGTGGCCATGGTGGTGAATATGGCGAGGAGG	118
Gallus_gal	48	GCATCTTCACCAAATCGCCGGCCATGCTGAGGAGTATGGCGCCGAGA	95
cons	97	* * * * * * * * * *	144

Homo_Sapie	123	CCCTGGAGAGG-----A-----	134
Bos_Taurus	144	CCCTGGAGAGGTGAGCACCGCAC-TTGCCCCG--AGGGGACC--GGGC	186
Mus_muscul	121	CCCTGGAAAGGTGAGAAACAGGACCTTGATCTGTAAAG--ATCACAGGA	166
Rattus_nor	119	CCCTACAGAGGTGAGATCAGGACCTGTTCTTTAAAG--ACAGCAGGA	164
Gallus_gal	96	CCCTGGAAAGGT-AGGT--GTCCCTT-CTCTGT-----CCTCCGGC	131
cons	145	* * * * * * * * * *	192

Homo_Sapie	135	-----TG-----	136
Bos_Taurus	187	CG-CACGCCGGGCGTGTCTTGT-CCC---GGGCCGCTCGGCCTAAGC	229
Mus_muscul	167	TC-CAATATGGACCTGGCACTCG-CTCAGTGGGCAGCTT---CTAA-C	208
Rattus_nor	165	TC-CAAACCGGACCAGGGACTC-----AGTGGGCAGCTC---CTAA-G	202
Gallus_gal	132	TGCCTCTCTC-CCTGATCCTCTTCCC-GTCCTCAGCTG---CCCA-C	173
cons	193		240

Homo_Sapie	137	-----TT-----	138
Bos_Taurus	230	CCGGCTTTCCC-----G-----	241
Mus_muscul	209	TATGCTTTTCT-----G--TGACCTCAACTT-----	232
Rattus_nor	203	TGTGCTTTCCC-----G--TGGCCTCAACTT-----	226
Gallus_gal	174	-GTCCTATCCCTCCCTGCCCTAACCCGTCCCTCTCCCCCTCCTGCCCTGC	220

cons	241	*****	288
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Homo_Sapie	139	-----C-CTGTCCTTCC	149
Bos_Taurus	242	-----CCT-----CT-----TCACCCAGGATGTTCT-CTGAGCTTCC	271
Mus_muscul	233	-CTCTTCTCTC-CT-----TCTCCAGGATGTTTGCTA-GCTTCC	269
Rattus_nor	227	-AT-----CTCTC-CT-----TCTCACAGGATGTTCTGCTG-CCTTCC	260
Gallus_gal	221	TAG---CCCTGACTCAGTGTGCTCTCACAGGATGTTTACCA-CCTACC	264

cons	289	*****	336
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Homo_Sapie	150	CCACCACCAAGACCTACTTCCCGCACTTCGACCTGAGCCACGGCTCTG	197
Bos_Taurus	272	CCACCACCAAGACCTACTTCCCCCACTTCGACCTGAGCCACGGCTCCG	319
Mus_muscul	270	CCACCACCAAGACCTACTTCCCTCACTTTGATGTAAGCCACGGCTCTG	317
Rattus_nor	261	CCACCACCAAGACCTACTTCTCTCACATTGATGTAAGCCCCGGCTCTG	308
Gallus_gal	265	CCCCAACCAAGACCTACTTCCCCCACTTCGATCTGTACACACGGCTCCG	312

cons	337	*****	384
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Homo_Sapie	198	CCCAGGTTAAGGGCCACGGCAAGAAGGTGGCCGACGCGCTGACCAACG	245
Bos_Taurus	320	CGCAGGTCAAGGGCCACGGCGCGAAGGTGGCCGCCGCGCTGACCAAAG	367
Mus_muscul	318	CCCAGGTCAAGGGTCACGGCAAGAAGGTGCGCCGATGCTCTGGCCAATG	365
Rattus_nor	309	CCCAGGTCAAGGCTCACGGCAAGAAGGTTGCTGATGCCTTGGCCAAG	356
Gallus_gal	313	CTCAGATCAAGGGGACACGGCAAGAAGGTAGTGGCTGCCTTGATCGAGG	360

cons	385	*****	432
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Homo_Sapie	246	CCGTGGCGCACGTGGACGACATGCCCAACGCGCTGTCCGCCCTGAGCG	293
Bos_Taurus	368	CGGTGGAACACCTGGACGACCTGCCCGGTGCCCTGTCTGAAGTGAAGT	415
Mus_muscul	366	CTGCAGGCCACCTCGATGACCTGCCCGGTGCCCTGTCTGCTCTGAGCG	413
Rattus_nor	357	CTGCAGACCACGTGGAAGACCTGCCTGGTGGCCCTGTCCACTCTGAGCG	404
Gallus_gal	361	CTGCAACACATTGATGACATCGCCGGCACCCCTCTCCAAGCTCAGCG	408

cons	433	*****	480
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Homo_Sapie	294	ACCTGCACGCGCACAAAGCTTCGGGTGGACCCGGTCAACTTCAA-----	336
Bos_Taurus	416	ACCTGCACGCTCACAAAGCTGCGTGTGGACCCGGTCAACTTCAAGGT--	461
Mus_muscul	414	ACCTGCATGCCCACAAGCTGCGTGTGGATCCCGTCAACTTCAAGGTAT	461
Rattus_nor	405	ACCTGCATGCCCACAAGCTGCGTGTGGATCCTGTCAACTTCAAGGTGT	452
Gallus_gal	409	ACCTCCATGCCCACAAGCTCCGCGTGGACCCCTGTCAACTTCAAAGTGA	456

cons	481	*****	528
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Homo_Sapie	337	-----G-----	337
Bos_Taurus	462	GAGCTCG--CGGGCAGGGCCGGGACAGA--TCTGGG--CT--	495
Mus_muscul	462	GCGCTGGGACCTGGCAG-----GCGGCATCTGGGACC--CCT--	496
Rattus_nor	453	GAGCTCAGACCTGGCAG-----GGGGCACCTGGGACCTCCAA	489
Gallus_gal	457	GTG-TC---TGGGAAGGGG-----	471

cons	529		576
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Homo_Sapie	338	-----	337
Bos_Taurus	496	-----AGCGGG-----GC-----	503
Mus_muscul	497	-----A-----GG	499
Rattus_nor	490	GGATCCCTTGGGGCAGTGGTGA--GGG-----GCA CAGAGGGAGGGGG	530
Gallus_gal	472	-----TGA--CCC GCCCTGCC-----	485

cons	577		624
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Homo_Sapie	338	-----C-----	338
Bos_Taurus	504	-AGAGAAT-----GCGGCGGCGCCCCCA--CC CAGCCCCCGCC	538
Mus_muscul	500	AAGGGCTTGGGGGTCTCTGTG-----CCCAAGGCAGGGA	533
Rattus_nor	531	AAGGGGTT-----CCTCATG-----CC CAGGGCAGGGA	558
Gallus_gal	486	-----CC CACGCAG--	495

cons	625		672
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Homo_Sapie	339	-----	338
Bos_Taurus	539	CC-----CCTGAC	546
Mus_muscul	534	ACATAGT--GGTCCCAGGAAGGGGAG-----CAGAGGCA-----	565
Rattus_nor	559	ACACAGT--GTTCCA--GGAAGGGGAG-----CTTACCCAGCAGG--	594
Gallus_gal	496	-CCCCGTCTTGGGCCATGC--GGCCACCCCTCTGCTCTCACCCC-CTCGC	539

cons	673		720
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Homo_Sapie	339	-----	338
Bos_Taurus	547	GTCC-----CCTCTC-----TCGGCAGC	564
Mus_muscul	566	-----TCAGGG--TGTCCACTT--TGTC-----TC CGCAGC	592
Rattus_nor	595	GTGTCTACTACTAGGGAC--TGACCC--TTCCTGTCTC-----TTTGCAGT	634
Gallus_gal	540	-----TCAT-----CCTCTCCTTTTGCCTTGCAGC	564

cons	721		768
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Homo_Sapie	339	TCCTAAGCCACTGCCTGCTGGTGACCTGGCCGCCACCTCCCCGCCG	386
Bos_Taurus	565	TTCTGAGCCACTCCCTGCTGGTGACCTGGCCTCCACCTCCCCAGTG	612
Mus_muscul	593	TCCTGAGCCACTGCCTGCTGGTGACCTTGGCTAGCCACCACCTGCCG	640
Rattus_nor	635	TCCTGAGCCACTGCCTGCTGGTGACCTTGGCTTGCCACCACCTGGAG	682
Gallus_gal	565	TCCTGGGCCAATGCTTCCTGGTGGTGGGCCATCCACCACCCTGCTG	612

cons	769		816
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Homo_Sapie	387	AGTTCACCCCTGCGGTGCACGCCTCCCTGGACAAGTTCCTGGCTTCTG	434
Bos_Taurus	613	ATTTACACCCCGCGGTCCACGCCTCCCTGGACAAGTTCCTTGCCCAACG	660
Mus_muscul	641	ATTTACACCCCGCGGTGCATGCCTCTCTGGACAAAATTCCTTGCCCTCTG	688
Rattus_nor	683	ATTTACACCCGCCATGCACGCCTCTCTGGACAAAATTCCTTGCCCTCTG	730
Gallus_gal	613	CCCTGACCCCGGAGGTCCATGCCTTCCCTGGACAAGTTCCTTGTCGCCCG	660

Homo_Sapie	435	TGAGCACCGTGCTGACCTCCAAATACCGTTAAGCTGGAGCCTCGG	---	479
Bos_Taurus	661	TGAGCACCGTGCTGACCTCCAAATACCGTTAAGCTGGAGCCTCGG	CGA	708
Mus_muscul	689	TGAGCACCGTGCTGACCTCCAAATACCGTTAAGCTG	---CCTT---	728
Rattus_nor	731	TGAGCACTGTGCTGACCTCCAAATACCGTTAAGCGG	---CCT---	770
Gallus_gal	661	TGGGCACCTGTGCTGACCGCCAAGTACCGTTAAGACGG	---CACG---	701

Homo_Sapie	480	---	---	---	TGGCC	ATGCTTCT	TG--	C--	CCCTTG	GGGC	TCC	CCCC	AGC	515
Bos_Taurus	709	CCC	CTACC	CTGGCCT	---	---	GGAGC	CCC	CTTGCGC	T--	---	---	---	739
Mus_muscul	729	---	CTGCG	---	GGGCT	---	---	TG--	C--	CTTCTG	---	---	GCCATG	753
Rattus_nor	771	---	CTGCC	---	GGGCT	---	---	TG--	C--	CTTCTG	---	---	ACCAGG	795
Gallus_gal	702	---	---	---	GTGG	---	---	---	---	CTAGAGC	TGGG	GGCCAA	---	721

Homo_Sapie	516	CCCTCC	--	TCCCCTTCC	-TGCA-	CCCCTACCCC	CGTGGTCTTTGAAT	558
Bos_Taurus	740	----	C--	TGC	-----	GCA-CTCT	CACCTCC-TGATCTTTGAAT	769
Mus_muscul	754	CCCTTC	--	TTCTCTCCCT	TGCA-	CCTGTACCTCT	-TGGTCTTTGAAT	796
Rattus_nor	796	CCCTTC	--	TTCCCTCCCT	TGCA-	CCTATACCTCT	-TGGTCTTTGAAT	838
Gallus_gal	722	CCCATC	GCC	AGCCCTCC	--GACAG	CGAGCAG	CCAAATGAGAT-GAAAT	766

Homo_Sapie	559	AAAGTCTGAGTG	--	TGCGG	--	C	576
Bos_Taurus	770	AAAGTCTGAGTGGC	TGCAGTGT	CTGTAGCCT	CGGCTCTGT		812
Mus_muscul	797	AAAGCCTGAGTA	--	GGAAG	AA	--	815
Rattus_nor	839	AAAGCCTGAGTA	--	GGAAG	C	--	856
Gallus_gal	767	AAAATCTG	--T--	TGCAT	--TTGT--GCT--	CC--	789