

Cedric Notredame

CPU TIME:6 sec.

SCORE=78

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BAD **AVG** **GOOD**

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Human	:	83
Chimp	:	81
Dog	:	82
Cow	:	81
Mouse	:	83
Rat	:	82
Zebra_fish	:	78
Fruit_Fly	:	65
C._elegans	:	63
cons	:	78

Human	1	MAAASSS	-	DSDACGAESNEANSKWL	---	DAHYPMANIHTFSACLALA	44
Chimp	1	MAAASSS	-	DSDACGAESNEANSKWL	---	DAHYPMANIHTFSACLALA	44
Dog	1	MAAASSS	-	DSDSGRAESSEASSKWL	---	DAHYPMANIHTFSACLALA	44
Cow	1	MAATSSS	-	DSDGGKGESSEANSKWL	---	DSLSDSMANIHTFSACLALA	44
Mouse	1	MAAASSS	-	DSDSGRAESNEANSKWL	---	DAHYPMANIHTFSACLALA	44
Rat	1	MAATTSS	P	DSDSGRAESNEANSKWL	---	DAHYPMANIHTFSACLALA	45
Zebra_fish	1	MSSVPQE	---	LKDTSVASSKWL	---	DAHYPVANLYTFSSCIALS	39
Fruit_Fly	1	MAGAPN	---	---	---	WLVHVDTAEAPPHLTLTSCMALS	31
C._elegans	1	MAK	---	PVNVNQSKWT	---	VPVLLKECEIYCPSTCVAFG	33
cons	1	*:				* . : : * : : .	48

Human	45	DLHGDGEYKLVVGD	--	LGPGGQQP	--	RLKVLKGPLVMTESPLPALPAA	88
Chimp	45	DLHGDGEYKLVVGD	--	LGPGGQQP	--	CLKVLKGPLVMNESPLPALPAA	88
Dog	45	DLHGDGEYKLVVGD	--	LGPSGQHP	--	RLKVLKGPTVLTESPLPALPAA	88
Cow	45	DFHGDGEYKLVVGD	--	LGPDGRQP	--	RLKVLKGHTLVSQKPLPDLPAA	88
Mouse	45	DLHGDGEYKLVVGD	--	LGPGGQQP	--	RLKVLKGPTVLTESPLPALPAS	88
Rat	46	DLHGDGEYKLVVGD	--	LGPGGQQP	--	RLKVLKGPTVLTESPLPALPAS	89
Zebra_fish	40	DLHGDGENKLVVGD	--	LGTGLCNM	--	KLKVYRGTLLESTLLDLPTG	83
Fruit_Fly	32	DVQCDGYVRLLAADIS		LDNAAEEP	TATLKVFRGLKLEQPLPGIPAA		79
C._elegans	34	PILSDNDSKLIIAH	--	GGHRGVNM	--	KLKVFQQLLEQLSESSLADMPTA	77
cons	49	.	*	.	:	* . : : * : : .	96

Human	89	AATFLMEQHEPRTPALALASGPC		VYVYKNLRPYFKFSLPQLPPNPLEQ			136
Chimp	89	AATFLMEQHEPRTPALALASGPC		VYVYKNLRPYFKFSLPQLPPNPLEQ			136
Dog	89	AATFLMEQHEPRTPALALASGPC		VYVYKNLKPYPFKFTLPQLPPNPLEQ			136
Cow	89	AVTFLMASHEPRTPALAIASGPC		VYVYKNLKPYPFKFSLPQLPPNPLEQ			136
Mouse	89	AATFLMDQHEPRTPALALASGPC		VYVYKNLRPYFKFSLPQLPPNPLEQ			136
Rat	90	AATFLMDQHEPRTPALALASGPC		VYVYKNLRPYFKFSLPQLPPNPLEQ			137
Zebra_fish	84	LVSFLMDLHEPRTPAIAVASGPF		IYVYKNMRPYFKFTLPQLPPNPLEQ			131
Fruit_Fly	80	IESLYIDETEPKTPVIAVAIAESV		LFYRHLKPYFKYTIPAQDSEDLLEL			127
C._elegans	78	LVHFINDLSS	--	IPSIAVAAGPSLLIYKKNLKPYPFKFTVPSSAINPTES			123
cons	97	:	.	*	:	* : * : * . : . * : : : * : : : * : : *	144

Human	137	DLWNQAKEDRIDPLTLKEMLESIRET	-AEEP	LSIQSLRFLQLELSEME	183
Chimp	137	DLWNQAKEDRIDPLTLKEMLESIRET	-AEEP	LSIQSLRFLQLELSEME	183
Dog	137	DLWNQVKEDRIDPLTLKEMLEGIREK	-AEVPLSVQSLRFLQLELSEME	183	
Cow	137	DLWNQAKEDQIDPLTLKEMLEGIREK	-AEVPLSVQSLRFLPLELSEME	183	
Mouse	137	DVWNQAKEDQIDPLTLKEMLEDIREK	-ADVPLSVQSLRFLQLELSEME	183	
Rat	138	DLWNQAKEDRIDPLTLKEMLEDIREK	-AEVPLSVQSLRFLQLELNEME	184	
Zebra_fish	132	DVWCQAKEDMIDPMTLKEMLEGLRDK	-SEIPLSVRSLRFLMLEPHEME	178	
Fruit_Fly	128	EVWR--KLPVVKPSAHPALLDSLKTI	-DHSKLSRKSQRLLQMGEQERE	172	
C._elegans	124	EAWKAVVNKKINGDITLLTVLKRLEDD	VAFSKLTPISQTYLRAD-KETQ	170	
cons	145	: * : . : : * . : .	* : * * * :	192	

Human	184	AFVNQHKSNSIKRQTVITMTTLKKNLADE	DAVSCLVLG	TENKELLVL	231
Chimp	184	AFVNQHKSNSIKRQTVITMTTLKKNLADE	DAVSCLVLG	TENKELLVL	231
Dog	184	AFVSQHKSNSIKRQTVITMTTLKKNLADE	DAVSCLVLG	TENKELLVL	231
Cow	184	AFVNQHKSNSIKRQTVITMTTLKKNLADE	DAVSCLVLG	TENKELLVL	231
Mouse	184	AFVNQHKSNSIKRQTVITMTTLKKNLADE	DAASCLVLG	TESKELLVL	231
Rat	185	AFVNQHKSNSIKRQTVITMTTLKKNLADE	DAVSCLVLG	TENKELLVL	232
Zebra_fish	179	NFVHLHKELPIRRQTVITCIGTLKKNMADE	DAVSCLVIG	TENGDVYIL	226
Fruit_Fly	173	HFIATHKSDSPVGRVGNIVAMCCIKRISSDANP	PSHLVLATDTGHIMIL	220	
C._elegans	171	VVLVEHYGTKIANSATITCIAKLTKSTA--EP	LDILVIGTEHCEIFLI	216	
cons	193	. : * : . * . : : . : : : . : . ** : . * : . : : :		240	

Human	232	DPEAFTILAKMSL----	PSVPVFLEVSGQFDVEFRLAAACRNGNIYIL	275
Chimp	232	DPEAFTILAKMSL----	PSVPPLLEVSGQFDVEFRLAAACRNGNIYIL	275
Dog	232	DPEAFTILAKMSL----	PSVPVFLEVSGQFDVEFRLAAACRNGNIYIL	275
Cow	232	DPEAFTILAKMSL----	PSVPAFLEASGQFDVEFRLAAACRNGSIYIL	275
Mouse	232	DPEAFTILAKMSL----	PSVPVFLEVSGQFDVEFRLTAACRNGSIYIL	275
Rat	233	DPEAFTILTKMSL----	PSVPVFLEVSGQFDVEFRLTAACRDGSIYIL	276
Zebra_fish	227	DPEAFTILYKMSL----	PSTPTLMDVTGQFDVEFRITVACRNGNIYIL	270
Fruit_Fly	221	EPQGFNLVYQGKACDDE	TAVPSLISVQGTTFETDFCIVVATRNGGVYLL	268
C._elegans	217	DSQAFTILETIKI----	GSPVNICAYGTYDVDYRLFVQTRASLIFCM	260
cons	241	: . : . * . : : .	: . * : . * : : : : : . * . : : :	288

Human	276	RRDSKHPKYCIELSAQPVGILR--	VHKVLVVGSTQDSLHGFTHKGKLL	321
Chimp	276	RRDSKHPKYCIELSAQPVGILR--	VHKVLVVGSTQDSLHGFTHKGKLL	321
Dog	276	RRDSKRPKKYCIELSAQPVGILR--	VHKVLVVGSNQDTLHGFTHKGKLL	321
Cow	276	RRDSKRPKKYCIELGAQPVGILR--	VHKVLVVGSNQDSLHGFTYKGRLL	321
Mouse	276	RRDSKHPKYCIELSAQPVGILR--	VHKVLVVGSTQESLHGFTHKGKLL	321
Rat	277	RRDSKHPKYCIELSAQPVGILR--	VHKILVVGSTQESLHGFTHKGKLL	322
Zebra_fish	271	RRDSKPKKYCIELSSHPVGILR--	MGKNVVVGCTHETLHGFTYKGRLL	316
Fruit_Fly	269	RKSQSEGQEIFKLGIPLTGLLLLP	IDQTIIASTMDNRYLCYSKRGRLL	316
C._elegans	261	KRGEADYQPIVISQSMITSMVL--	VNKMIVYTTVENLIHFASFRGKML	306
cons	289	: : . : : . : . : : :	: : : : . : : : * * :	336

Human	322	WTVQMPAAILTMNLL	EQHSRGLQAVMAGL	ANGEVRIYRDKALLNVIHT	369												
Chimp	322	WTVQMPAAILTMNLL	EQHSRGLQAVMAGL	ANGEVRIYRDKALLNVIHT	369												
Dog	322	WTVQMPAAILTMNLL	EQRSRSLQAVMAGL	ANGEVHIYHDKALLNVIRT	369												
Cow	322	WTVQMPAAILAMNLL	EQHSRGLQAVMAALANE	EVRIYHDKVLLNVIRT	369												
Mouse	322	WTVQMPAAILTMNLL	EQRSRGLQAVMAALANGE	VRIYRDKALLNVIHA	369												
Rat	323	WTVQMPAAILTMNLL	EQRSRGLQAVMAALANGE	VRIYRDKALLNVVRA	370												
Zebra_fish	317	WTAYLPAPVTTMALMDL	PTRGFQAVLVGLANCE	VHMYRDKNLIGTIKT	364												
Fruit_Fly	317	YQVPMSDLPVCLLPL	PLTHLGLTLVAIALRGG	VVKFYLRYLVDLDFVL	364												
C._elegans	307	NTVKCPSKIKMLEPFI	YPLKQLAAVIA-V	FDKEIRMYNEHYLLD	TVQY	353											
cons	337	.	.	:	:	:	*	:	.	:	:	*	:	*	:	.	384

Human	370	PDAVTSLCFGRYGRE	DNTLIMTTRGGGLI	IKILKRTAVFVEGGSEVGP	417																	
Chimp	370	PDAVTSLCFGRYGRE	DNTLIMTTRGGGLI	IKILKRTAVFVEGGSEVGP	417																	
Dog	370	PDVVTSLCFGRYGRE	DNTLIMTTRGGGLI	IKILKRTAVFVEARGEAGP	417																	
Cow	370	PEAVTSLCFGRYGRE	DNTLIMTTLGGGLI	IKILKRTAVFAEGGGEAGP	417																	
Mouse	370	PDAVTSLCFGRYGRE	DNTLIMTTRGGGLI	IKILKRTAVFVEGTGEVGP	417																	
Rat	371	PDAVTSLCFGRYGRE	DNTLIMTTRGGGLI	IKILKRTAVFVEGTGEVGP	418																	
Zebra_fish	365	PDVVTSLICFGRYGRE	DGLTLMTTKGGGLI	VKILKRTAVFDDRDSTPGP	412																	
Fruit_Fly	365	EETVDAMLYGRMGME	DHVLTLVTQSGGIV	VKILRRVSRFEPKAGDLAN	412																	
C._elegans	354	EKPLAWVKYGCYGRE	DSTLVVAFKDGSI	AIQIFRRKANFDTKLDYNQV	401																	
cons	385	.	:	:	:	*	*	*	*	.	:	.	*	:	:	:	:	*	:	*	.	432

Human	418	PPA-----	QAMKLNVPKTRLYVD	QTLREREAGTAMHRAFQTDLY	457																		
Chimp	418	PPA-----	QAMKLNVPKTRLYVD	QTLREREAGTAMHRAFQTDLY	457																		
Dog	418	PPA-----	QAMKLNVPKTRLYVD	QTLREREAGTAMHRTFQTDLY	457																		
Cow	418	PPS-----	QAIKLNVPKTRLYVD	QTLREREAGTAMHRTFQADLY	457																		
Mouse	418	PLA-----	QTTKLSVPRKTRLYVD	QTLREREAGTAMHRTFQTDLY	457																		
Rat	419	PLA-----	QTTKLSVPRKTRLYVD	QTLREREAGTVMHRTFQTDLY	458																		
Zebra_fish	413	PIA-----	QSIRLNVPKKTKLYVD	QTLRERENAIAMHRAFQMDLS	452																		
Fruit_Fly	413	KRALGDNKSIV	DASILDKPKKSSIFVE	QAAREKQQAQAKSTYGSFQVELW	460																		
C._elegans	402	PQA-----	HALKLQIPKKT	KVFIDL	TQREVQLGNRIHKVYQKNLF	441																	
cons	433	:	.	:	*	.	*	*	:	:	:	:	*	:	.	:	:	*	:	*	:	*	480

Human	458	LLRLRAARAYLQALES	SSLSP	ST-TAREPLKLHAVVQGLGPTFKLTLH	504																			
Chimp	458	LLRLRAARAYLQALES	SSLSP	LSA-TAREPLKLHAVVQGLGPTFKLTLH	504																			
Dog	458	LLRLRAARAYVQALES	SSLNPVSV	-TAREPLKLHAVVQGLGPTFKLTLH	504																			
Cow	458	LLRLRAARAYVQALES	SSLSPVSL	-TAREPLKLHAVVQGLGPTFKLTLH	504																			
Mouse	458	LLRLRAARAYVQALES	SSLSPMST	-TAREPLKLHAVVQGLGPTFKLTLH	504																			
Rat	459	LLRLRAARAYVQALES	SSLSPMSA	-TAREPLKLHAVVQGLGPTFKLTLH	505																			
Zebra_fish	453	RLRLAAARAYVKALES	SSLTPMSA	-SLTEPLKMNAVQGLGPSFKLTLN	499																			
Fruit_Fly	461	RLRHTAARATIDAIN	SSESTISGD	LTHAPVKLSAEVCGSGPAFRLYLT	508																			
C._elegans	442	DVKYRLAASYLELT	SSASATVST	-TTVLPVEISVDIHGFGPTFRMTIH	488																			
cons	481	:	:	*	:	:	.	*	:	.	*	:	:	*	*	*	:	:	*	*	*	:	:	528

