>HUMANS

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>CHIMPANZEE

MAAADGALPEAAALEQPAELPALVRASIERKRQRALMLRQARLAARPYSATAAAATGGMANVKAAPKIIDTGGGFILEEEEEEEQKIGKVVHQPGPVMEFDYVICEECGKEFMDSYLMNHFDLPTCDNCRDADDKHKLITKTEAKQEYLLKDCDLEKREPPLKFIVKKNPHHSQWGDMKLYLKLQIVKRSLEVWGSQEALEEAKEVRQENREKMKQKKFDKKVKELRRAVRSSVWKRETIVHQHEYGPEENLEDDMYRKTCTMCGHELTYEKM

>CELEGANS

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>FRUIT\_FLY

MSAEVSTNESAPPAEKKSKLTNAQKARIERNQAKAQKLREAKLVSHPFKELASNKEGGTHPEAALSQGSSVIKVQGTKYIDSGGGFLLEQPVMPTGVGPAGLNKSGEEAPPILDDAIAIPVQYEECLECGDMFADSYLFNNFGHSVCDKCRDKDERYALITRTEAKAEYLLKDCDFDKREPKLRYISRKNPHNVRWGEMKLYLHLQIHQRALEVWGSEEELVRQHEAREDKREEGKARKYNKKMKQLRMEVRSSIYTKKTHEVHEHEFGPDTYDEEEDTYTHTCITCPYSETYEKM

>YEAST

MTPEQKAKLEANRKLAIERLRKRGILSSDQLNRIESRNEPLKTRPLAVTSGSNRDDNAAAAVHVPNHNGQPSALANTNTNTTSLYGSGVVDGSKRDASVLDKRPTDRIRPSIRKQDYIEYDFATMQNLNGGYINPKDKLPNSDFTDDQEFESEFGSKKQKTLQDWKKEQLERKMLYENAPPPEHISKAPKCIECHINIEMDPVLHDVFKLQVCKQCSKEHPEKYALLTKTECKEDYFLTDPELNDEDLFHRLEKPNPHSGTFARMQLFVRCEVEAFAFKKWGGEEGLDEEWQRREEGKAHRREKKYEKKIKEMRLKTRAQEYTNRLREKKHGKAHIHHFSDPVDGGIDEDGYQIQRRRCTDCGLETEEIDI

>MOUSE

MATAEEKQTSPEPVAADEPAQLPAAVRASVERKRQRALMLRQARLAARPYPAAAATGGVASVKAAPKMIDTKGGFILEEEEEKHEIGNIVHEPGPVMEFDYTICEECGKEFMDSYLMNHFDLPTCDSCRDADDKHKLITKTEAKQEYLLKDCDLEKREPALRFLVKKNPRHSQWGDMKLYLKLQVVKRALEVWGSQEALEDAKEVRQENREKMKQKKFDKKVKELRRAIRSSVWKRETTTHQHKYGPEENLEDDMYRKTCTLCGHELTYEKM

>ZEBRAFISH

MEMPEASHCQHTSPDSANSSNESSMSLTPHMLAKIERNRQRALMLRQARLASRPSSAVEGATHAKVAKTIDSGAGFFIEEETTEDEQQEKRVVQQPAPVMEPDYLMCEECQKPFMDSYLSNSFDLSVCDKCRDNEVKHKLISRTEAKKNYLLKDCDLDKREPPLRFILRKNPHNPRWGDMKLYLKTQVEKRSMEVWGSDEALEEAKETREENKEVQKQKRFNKKVKELRRTVRSSMFKKDTSIHQHDYGHDELLDEEEDSFSEKCNFRDPTCVNTANISTQKMFSSRNYTLKTHKSPLSLRICQKGEEKQQKDLQQPDSDNYLTIPIKAHPSDSKPSHASGCTKSHLNTSHLQPVQRSPVIMESWSPDSPTAMIYHHAVPVPNVPVVQPQLLCLTPPADVPHAHIQRKLLLDPTTGQYYLVDTPVPMQPAAQRFYHPESGQYLDIPLSLTPVPVSVSPVALGPAAYPPTYLVYPSTFLPAPPAPQSHSSTCSEGEDAVETGSMYMIPPGSTAPSSTTKPVISITSQQGARIVAPPSFDGTTMSFVVEHR

>CHICKEN

MGRAAPGPDEGAEGERPSISATALARMERNRRRALALRQARLAARPYPQAAAGAGPPQGRDTGGGFFLEEEEEEEEQRRAAERIVHPPAPVLQFDYLICGDCGKEFMDSYLMQHFDWATCDNCRDAEDKHKLITRTEAKEEYLLKDCDLDKREPVLRFIVKKNPHNPRWGDMKLYLKLQVIKRALEVWGNEESLQEAKEQRRDSREKMKQKRFDKKVKELRRAVRSSLWKKTASIHEHEYGPEENVDEETYKKTCTVCGHELTYEKM

>COW

MAAAGEASSEPAASEQPTELSASVRASIERKRQRALMLRQARLAARPYPATAAATTGGMANVKAAPKIIDTGGGFILEEEEEEEHTVGKVVHQPGPVMEFDYVICEECGKEFMDSYLMNHFDLATCDNCRDADDKHKLITKTEAKQEYLLKDCDLEKREPALKFIVKKNPHHSQWGDMKLYLRLQIVKRSLEVWGSQEALEEAKEVRQKNREKMKQKKFDKKVKELRRAVRSSVWKKETAAHQHEYGAEEKLEDDMYRKTCTVCGHELTYEKM