

TMEM 271	Genus + Species	Common Name	Taxon	DoD (MYA)	Accession #	AA Length	% Identity	% Similarity	Observed Divergence	Corrected Divergence
Mammalia	<i>Homo sapiens</i>	Human	Primates	0	NP_001349725.1	385	100	100	0	0
	<i>Gorilla gorilla</i>	Western lowland gorilla	Primates	8.6	XP_030866182.1	377	97.1	97.1	2.9	2.942881069
	<i>Mus musculus</i>	House mouse	Rodentia	87	NP_001361672.1	374	83.5	86.3	16.5	18.03235541
	<i>Mirounga angustirostris</i>	Elephant seal	Carnivora	94	XP_045737668.1	378	89.7	91.2	10.3	10.86994169
	<i>Sarcophilus harrisii</i>	Tasmanian devil	Dasyuridae	160	XP_031797484.1	408	70.7	75.3	29.3	34.67246131
Aves	<i>Zonotrichia albicollis</i>	White-throated sparrow	Passeriformes	319	XP_026648693.1	363	59.3	65.2	40.7	52.256088
	<i>Gallus gallus</i>	Chicken	Galliformes	319	XP_015135973.1	380	59	63.3	41	52.76327421
	<i>Anas platyrhynchos</i>	Mallard	Anseriformes	319	XP_038027036.1	380	57.5	62.3	42.5	55.33852382
Reptilia	<i>Caretta caretta</i>	Loggerhead turtle	Testudines	319	XP_048707445.1	328	57.4	62.4	42.6	55.51258827
	<i>Gopherus flavomarginatus</i>	Mexican giant tortoise	Testudines	319	XP_050800344.1	316	56.7	62	43.3	56.73959753
	<i>Crotalus tigris</i>	Tiger rattlesnake	Squamata	319	XP_039215630.1	364	56.6	62.9	43.4	56.91612008
	<i>Zootoca vivipara</i>	Common lizard	Squamata	319	XP_034997122.1	373	56	63	44	57.98184953
Aves	<i>Calypte anna</i>	Anna's hummingbird	Apodiformes	319	XP_030323434.1	376	55	59.9	45	59.78370008
Amphibia	<i>Bufo bufo</i>	Common toad	Anura	353	XP_040276294.1	289	53.4	59.4	46.6	62.735944
	<i>Rana temporaria</i>	Common frog	Anura	353	XP_040218289.1	291	52.9	58.9	47.1	63.67668471
	<i>Rhinatrema bivittatum</i>	Two-lined caecilian	Gymnophiona	353	XP_029441232.1	315	51	57.4	49	67.33445533
Fish	<i>Gadus morhua</i>	Atlantic cod	Gadiformes	431	XP_030224054.1	263	39.5	49.5	60.5	92.88695141
	<i>Esox lucius</i>	Northern pike	Esociformes	431	XP_028975297.1	265	38.2	49.1	61.8	96.23346704
	<i>Mastacembelus armatus</i>	Zig-zag eel	Synbranchiformes	431	XP_026187070.1	263	37.7	47.9	62.3	97.55100915
	<i>Callorhynchus milii</i>	Australian Ghostshark	Chondrichthyes	464	XP_042200838.1	298	34.5	44.9	65.5	106.4210862