

Orthologs							
Genus and Species	Common Name	Class	Divergence (MYO)	Accession	Length (aa)	Query cover	Identity
<i>Pan troglodytes</i>	Chimpanzee	Mammalia	6.3	XP_510709	578	74%	99%
<i>Pongo abelii</i>	Orangutan	Mammalia	15.7	XP_002825960	771	100%	97%
<i>Macaca mulatta</i>	Rhesus Monkey	Mammalia	29	XP_001118461	757	95%	93%
<i>Callithrix jacchus</i>	Marmoset	Mammalia	42.6	ABZ80344	775	100%	89%
<i>Rattus norvegicus</i>	Rat	Mammalia	92.3	XP_001070176	866	93%	43%
<i>Bos taurus</i>	Cow	Mammalia	94.2	NP_001092377	723	96%	69%
<i>Ailuropoda melanoleuca</i>	Panda	Mammalia	94.2	EFB17134	727	94%	78%
<i>Canis familiaris</i>	Dog	Mammalia	94.2	XP_003639163	839	96%	74%
<i>Equus caballus</i>	Horse	Mammalia	94.2	XP_001915452	748	94%	78%
<i>Felis catus</i>	Cat	Mammalia	94.2	XP_003999121	791	100%	75%
<i>Monodelphis domestica</i>	Opossum	Mammalia	162.6	XP_001378110	714	86%	44%
<i>Ornithorhynchus anatinus</i>	Platypus	Mammalia	167.4	XP_001512398	383	46%	50%
<i>Gallus gallus</i>	Chicken	Aves	296	XP_003643243	727	94%	56%
<i>Anolis carolinensis</i>	Lizard	Reptilia	300	XP_003230229	560	72%	53%
<i>Xenopus tropicalis</i>	Frog	Amphibia	365	XP_002943473	599	72%	43%
<i>Takifugo rubripes</i>	Pufferfish	Actinopterygii	400.1	XP_003975883	764	97%	44%
<i>Danio rerio</i>	Zebrafish	Actinopterygii	400.1	XP_001139040	692	95%	44%
<i>Strongylocentrotus putputatus</i>	Sea Urchin	Echinoidea	742.9	XP_795452	524	47%	29%
<i>Drosophila melanogaster</i>	Fruit Fly	Insecta	782.7	NP_651350	993	48%	36%