

Offical Name	Common Name	Protein	E-Value	%Identity	% Similarity	% Query Coverage
Homo Sapiens	Humans	NP_000042.3				
Loxodonta africana	African Bush Elephant	XP_003415664.1	0	90	94	100
Xenopus Laevis	African Clawed Frog	NP_001081968.1	0	64	79	100
Amphimedon queenslandica	Amphimedon queenslandica	XP_003389125.1	0	39	56	96
Arabidopsis thaliana	Arabidopsis thaliana	NP_190402.6	0	28	46	52
Pan paniscus	Bonobo	XP_003828389.1	0	99	99	100
Rattus Norvegicus	Brown Rat	NP_001100291.1	0	84	91	100
Caenorhabditis elegans	C.Elegans	NP_490693.2	5.00E-67	31	50	75
Felis catus	Cat	XP_003992379.1	0	89	93	100
Bos Taurus	Cattle	NP_001192864.1	0	90	94	100
Pan troglodytes	Chimps	JAA07625.1	0	99	99	100
Callithrix jacchus	Common Marmoset	XP_002807314.1	0	95	97	100
Canis Lupus familiaris	Dog	NP_001124300.1	0	89	93	100
Drosophila Melangastor	Fruit Fly	NP_001036712.1	7.00E-148	29	47	51
Ailuropoda melanoleuca	Giant Panda	XP_002929204.1	0	89	93	100
Monodelphis domestica	Gray Short-tailed opossum	XP_003341272.1	0	81	89	100
Equus caballus	Horse	XP_001501211.2	0	90	94	100
Mus Musculus	House Mouse	NP_031525.2	0	84	91	100
Oreochromis niloticus	Nile Tilapia	XP_003441751.1	0	54	70	100
Papio anubis	Olive baboon	XP_003910700.1	0	96	97	100
Ornithorhynchus anatinus	Platypus	XP_003430494.1	0	76	85	98
Strongylocentrotus purpuratus	Purple Sea Urchin	XP_003727907.1	0	41	60	92
Gallus gallus	Red Junglefowl	NP_001155872.1	0	69	82	100
Macaca Mulatta	Rhesus Macaque	XP_002799825.1	0	98	98	100
Ovis aries	Sheep	XP_004016048.1	0	90	94	100

Official Name	Common Name	Protein	E-Value	%Identity	% Similarity	% Query Coverage
Homo Sapiens	Humans	NP_000042.3				
Saimiri boliviensis	Squirrel Monkey	XP_003923789.1	0	95	97	100
Pongo abelii	Sumatran orangutan	XP_002822484.1	0	97	97	100
Sarcophilus harrisii	Tasmanian Devil	XP_003764301.1	0	81	89	100
Otolemur garnettii	Thick-Tailed BushBabies	XP_003794823.1	0	90	93	100
Gorilla gorilla	Western Gorilla	XP_004052133.1	0	98	98	100
Apis mellifera	Western Honey Bee	XP_001121440.2	0	34	55	78
Nomascus leucogenys	White Cheeked gibbon	XP_003253145.1	0	99	99	100
Sus Scrofa	Wild Boar	NP_001116552.1	0	88	93	100
Meleagris gallopavo	Wild Turkey	XP_003203510.1	0	62	78	99
Saccharomyces cerevisiae	Yeast	NP_009465.2	2.00E-97	32	51	24
Danio Rerio	Zebra Fish	BAD91491.1	0	53	68	100