

Table S2. Information on species examined in amino acid alignment and molecular evolutionary analysis.

Gene Name	Species Name	Accession No.
<i>Meis2</i>	<i>Homo sapiens</i>	NM_170674.4
	<i>Pan troglodytes</i>	XM_001137088.2
	<i>Papio anubis</i>	XM_003900742.1
	<i>Nomascus leucogenys</i>	XM_003272806.2
	<i>Callithrix jacchus</i>	XM_002753564.2
	<i>Microtus ochrogaster</i>	XM_005364206.1
	<i>Mus musculus</i>	XM_005381187.1
	<i>Heterocephalus glaber</i>	XM_004861520.1
	<i>Ochotona princeps</i>	XM_004578191.1
	<i>Cavia porcellus</i>	XM_003475668.2
	<i>Ictidomys tridecemlineatus</i>	XM_005316380.1
	<i>Orcinus orca</i>	XM_004274022.1
	<i>Odobenus rosmarus divergens</i>	XM_004409641.1
	<i>Ceratotherium simum</i>	XM_004421392.1
	<i>Equus caballus</i>	XM_005603163.1
	<i>Bos mutus</i>	XM_005904115.1
	<i>Pantholops hodgsonii</i>	XM_005968156.1
	<i>Canis lupus familiaris</i>	XM_005638216.1
	<i>Myotis lucifugus</i>	XM_006087500.1
	<i>Miniopterus schreibersii</i>	KJ670370
<i>Mab21l2</i>	<i>Homo sapiens</i>	NM_006439.4
	<i>Pan troglodytes</i>	XM_001151747.1
	<i>Macaca mulatta</i>	XM_001082398.2
	<i>Papio anubis</i>	XM_003899260.1
	<i>Saimiri boliviensis</i>	XM_003927983.1
	<i>Otolemur garnettii</i>	XM_003790215.1
	<i>Rattus norvegicus</i>	NM_001109391.1
	<i>Microtus ochrogaster</i>	XM_005344172.1
	<i>Mus musculus</i>	NM_011839.3
	<i>Heterocephalus glaber</i>	XM_004869167.1
	<i>Cavia porcellus</i>	XM_003476901.1
	<i>Sarcophilus harrisii</i>	XM_003773139.1
	<i>Ochotona princeps</i>	XM_004588123.1
	<i>Orcinus orca</i>	XM_004263628.1
	<i>Bos mutus</i>	XM_005902365.1
	<i>Capra hircus</i>	XM_005691180.1
	<i>Sus scrofa</i>	XM_003129150.2
	<i>Equus caballus</i>	XM_001501565.3
	<i>Canis lupus familiaris</i>	XM_862437.3
	<i>Myotis lucifugus</i>	XM_006081771.1

	<i>Miniopterus schreibersii</i>	KJ670371
<i>Tbx3</i>	<i>Homo sapiens</i>	NM_005996.3
	<i>Pan troglodytes</i>	XM_001154479.2
	<i>Nomascus leucogenys</i>	XM_003274432.2
	<i>Pongo abelii</i>	XM_002823799.1
	<i>Macaca mulatta</i>	XM_001111958.1
	<i>Callithrix jacchus</i>	XM_002753045.1
	<i>Saimiri boliviensis</i>	XM_003932213.1
	<i>Mus musculus</i>	NM_198052.2
	<i>Microtus ochrogaster</i>	XM_005344349.1
	<i>Spermophilus tridecemlineatus</i>	XM_005329640.1
	<i>Sus scrofa</i>	XM_001927997.3
	<i>Orcinus orca</i>	XM_004281469.1
	<i>Miniopterus schreibersii</i>	KJ670372
	<i>Odobenus rosmarus divergens</i>	XM_004416807.1