

Species	Common Name	Genbank designation
<i>Saimiri sciureus</i>	Squirrel monkey	AF449637
<i>Lemur catta</i>	Andlemur	AF449641
<i>Sus scrofa</i>	Pig	AJ005521
<i>Hippopotamus amphibius</i>	Hippopotamus	AJ005522
<i>Phocoena phocoena</i>	Harbour porpoise	AJ005523
<i>Pseudorca crassidens</i>	False killer whale	AJ005524
<i>Glis Glis</i>	Dormouse	AJ005767
<i>Microtus nivalis</i>	Fieldvole	AJ005768
<i>Camelus dromedarius</i>	Camel	AJ006418
<i>Tragulus javanicus</i>	Chevrotain	AJ271297
<i>Atherurus macrourus</i>	Brush-tailed porcupine	AJ535678
<i>Ctenodactylus gundi</i>	Gundi	AJ535679
<i>Sciurus vulgaris</i>	Squirrel	AJ535680
<i>Oryctolagus cuniculus</i>	Rabbit	AJ535681
<i>Artibeus jamaicensis</i>	Fruit bat	AJ535682
<i>Orycteropus afer</i>	Aardvark	AJ535683
<i>Elephas maximus</i>	Elephant	AJ535684
<i>Mus musculus</i>	Mouse	M27814
<i>Homo sapiens</i>	Human	NM_002933
<i>Bos taurus</i>	Ox	X07283

Supplementary Table S3: Ribonuclease sequences used to construct model phylogenetic tree.