

## Supplementary table 1

### Accession numbers of peptide sequences used to generate LDLR refined SIFT analysis

UniProt Accession Number	Species	Common name
P01130	<i>Homo sapiens</i>	Human
P35951	<i>Mus musculus</i>	Mouse
P35952	<i>Rattus norvegicus</i>	Rat
H9YWX0	<i>Macaca mulatta</i>	Rhesus macaque
F7IJZ1	<i>Callithrix jacchus</i>	White-tufted-ear marmoset
G3S2W0	<i>Gorilla gorilla</i>	Western lowland gorilla
H2QFC9	<i>Pan troglodytes</i>	Common chimpanzee
H2NXL0	<i>Pongo abelii</i>	Sumatran orangutan
Q99087	<i>Xenopus laevis</i>	African clawed frog
G3W664	<i>Sarcophilus harrisii</i>	Tasmanian devil
F7CG52	<i>Equus caballus</i>	Horse
F7BQZ9	<i>Monodelphis domestica</i>	Grey short-tailed opossum
Q7T2X3	<i>Gallus gallus</i>	Red Jungle fowl chicken
F1MZ58	<i>Bos taurus</i>	Cow
Q28832	<i>Sus scrofa</i>	Pig
F1PML2	<i>Canis familiaris</i>	Dog
P20063	<i>Oryctolagus cuniculus</i>	Rabbit
P35950	<i>Cricetulus griseus</i>	Chinese hamster
P79708	<i>Chiloscyllium plagiosum</i>	White spotted bamboo shark
Q7ZZT0	<i>Danio rerio</i>	Zebrafish

### Table S1

The UniprotKB accession numbers for the amino acid sequences used in the Refined SIFT analysis.