

Supplementary Table 11. Additional gene data.

Mammalian genome	Number of genes	Order	Reference used
<i>Rhinolophus ferrumequinum</i>	160	Chiroptera	<i>Rhinolophus sinicus</i>
<i>Megaderma lyra</i>	100	Chiroptera	<i>Rhinolophus sinicus</i>
<i>Eidolon helvum</i>	174	Chiroptera	<i>Myotis lucifugus</i>
<i>Pteronotus parnellii</i>	108	Chiroptera	<i>Myotis lucifugus</i>
<i>Myotis myotis</i>	254	Chiroptera	<i>Myotis lucifugus</i>
<i>Choloepus hoffmanni</i>	168	Xenarthra	<i>Dasyopus novemcinctus</i>
<i>Procavia capensis</i>	185	Afrotheria	<i>Loxodonta africana</i>
<i>Manis pentadactyla</i>	87	Pholidota	<i>Manis javanica</i>

A number of additional genomes were mined for autophagy-related genes. These data were included in a separate data set. The reference genome used to annotate each target mammal is displayed.