



**Fig. 1** Phylogenetic tree and maximum lifespan data for the rodents used in this study. The lifespan and body mass data were derived from AnAge database (Tacutu *et al.*, 2013). Stars indicate species with the maximum lifespan greater than 20 years. \* For tuco-tuco lifespan in the wild is shown, and maximum lifespan in captivity is not available.