

A circular phylogenetic tree showing the relationships between 12 species based on the 12S rRNA gene. The tree is rooted at the top (12 o'clock position) and branches outwards. The species names are written around the perimeter of the circle. The tree is divided into two main groups by a large gap in the branches. The group on the left (approximately 9 to 12 o'clock) includes *Canis lupus familiaris*, *Canis lupus*, *Canis lupus*, *Canis lupus*, *Canis lupus*, *Canis lupus*, *Canis lupus*, *Canis lupus*, *Canis lupus*, *Canis lupus*, *Canis lupus*, and *Canis lupus*. The group on the right (approximately 1 to 9 o'clock) includes *Canis lupus*, *Canis lupus*, *Canis lupus*, *Canis lupus*, *Canis lupus*, *Canis lupus*, *Canis lupus*, *Canis lupus*, *Canis lupus*, *Canis lupus*, *Canis lupus*, and *Canis lupus*. The tree is drawn with black lines on a white background.