

Abstract:

The last decade has seen a dramatic increase in the amount of primate genetic data, including whole genome sequences for human, chimpanzee and orangutan. The Gorilla Genome Consortium has now completed the assembly and analysis of a genome sequence for gorilla, enabling us to compare for the first time the whole genomes of all extant great ape genera, and to explore the evolutionary relationships and genetic differences between them. We also investigate the genetic diversity and divergence of species within the *Gorilla* genus, comparing individuals from the Western and Eastern gorilla species.