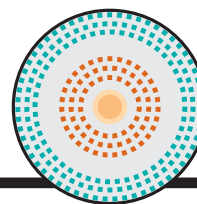


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A male Bornean orangutan (*Pongo pygmaeus*). Long-read sequencing and assembly of multiple ape genomes—including those of an orangutan, a gorilla, a chimpanzee, and two humans—provide a

more complete view of genetic changes that occurred in each lineage. Human-specific nucleobase deletions and duplications associate with genes differentially expressed during human brain development, in contrast to the expression patterns observed for other apes. See page 1085.

Photo: Michael Leach/Science Source

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