

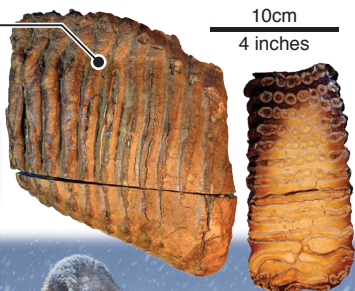
World's oldest genome sequenced

Samples from mammoth remains thought to be 1.2 million years old have yielded the oldest full genome known to date. The finding provides new insights into how mammoths evolved

Minute amounts of DNA, degraded into tiny fragments, extracted from molars of three ancient mammoths buried in Siberian permafrost

Krestovka mammoth: 1.2m year-old specimen found to belong to previously unknown genetic lineage

● Sample sites



NEW REVELATIONS

► DNA analyses show two different genetic lineages of mammoth in Siberia during Early Pleistocene epoch. Previous studies indicated existence of **Steppe mammoth** only

► Study suggests **Columbian mammoth** – which inhabited North America during last ice age – was hybrid between **Woolly mammoth** and **Krestovka mammoth**

