

Supplementary Materials for  
**Ancient genomes from Ladakh reveal 2800-year-old admixture between  
Tibetans and South Asians**

Nick Patterson *et al.*

Corresponding author: Nick Patterson, [nickp@broadinstitute.org](mailto:nickp@broadinstitute.org); Veena Mushrif-Tripathy, [vmushrif@gmail.com](mailto:vmushrif@gmail.com);  
Quentin Devers, [quentin.devers@cnrs.fr](mailto:quentin.devers@cnrs.fr); David Reich, [reich@genetics.med.harvard.edu](mailto:reich@genetics.med.harvard.edu)

*Sci. Adv.* **12**, eaeb3636 (2026)  
DOI: 10.1126/sciadv.aeb3636

**The PDF file includes:**

Legends for tables S1 to S9

**Other Supplementary Material for this manuscript includes the following:**

Tables S1 to S9

## Supplementary Table Captions

**Table S1:** Details of DNA extraction, library preparation, and sequencing for 64 newly generated libraries

**Table S2:** Details of 10 newly generated radiocarbon dates and associated isotopic measurements

**Table S3:** Details of 1696 individuals used in Principal Component Analysis (Figure 2)

**Table S4:** Details of 1094 individuals used in the 2-source *qpAdm* analysis

**Table S5:** Full results for 2-source *qpAdm* models

**Table S6:** Details of 2685 individuals used in the 3-source *qpAdm* analysis

**Table S7:** Full results for 3-source *qpAdm* models

**Table S8:** Addition of 492 populations in turn to the right outgroups for the Brahmins\_Uttarakhand.HO-Latuotanggu-China\_Xinjiang\_Xiaohe\_BA.AG *qpAdm* model to probe model robustness

**Table S9:** Genotype matrix used to count Denisovan haplotypes