

Supplementary Materials

Population genetic history of the ancient reindeer-herding Ewenki people

Dong Wei^{1,#}, Limei Zhang^{2,3,4,5,#}, Shuhan Duan^{2,3,4,5}, Yuhang Feng^{6,7}, Jing Chen^{6,7,8}, Qiuxia Sun^{6,7}, Lintao Luo^{2,3,4,5}, Chao Liu⁹, Xiangjun Hai¹, Mengge Wang^{2,3,4,5}, Guanglin He^{6,7}

¹College of Medicine, Northwest Minzu University, Lanzhou 730030, Gansu, China.

²Department of Forensic Medicine, College of Basic Medicine, Chongqing Medical University, Chongqing 400331, China.

³Western Forensic Medicine Center of China, College of Basic Medicine, Chongqing Medical University, Chongqing 400331, China.

⁴Human Genetics and Forensic Genomics Research Institute, College of Basic Medicine, Chongqing Medical University, Chongqing 400331, China.

⁵Chongqing Key Laboratory of Forensic Science & Chongqing Engineering Research Center of Criminal Investigation Technology, College of Basic Medicine, Chongqing Medical University, Chongqing 400331, China.

⁶Center for Archaeological Science, Sichuan University, Chengdu 610000, Sichuan, China.

⁷Institute of Rare Diseases, West China Hospital of Sichuan University, Sichuan University, Chengdu 610000, Sichuan, China.

⁸School of Forensic Medicine, Shanxi Medical University, Jinzhong 030600, Shanxi, China.

⁹Anti-Drug Technology Center of Guangdong Province, Guangzhou 510030, China.

[#]These authors contributed equally

Correspondence to: Chao Liu, Anti-Drug Technology Center of Guangdong Province, Guangzhou 510030, China. E-mail:

liuchaogzf@163.com; Xiangjun Hai, College of Medicine, Northwest Minzu University, Lanzhou 730030, Gansu, China. E-mail:

yxhxj@xbmu.edu.cn; Mengge Wang, Department of Forensic Medicine, College of Basic Medicine, Chongqing Medical University, Chongqing 400331, China. E-mail: Menggewang2021@163.com; Guanglin He, Center for Archaeological Science, Sichuan University, Chengdu 610000, Sichuan, China. E-mail: guanglinhescu@163.com

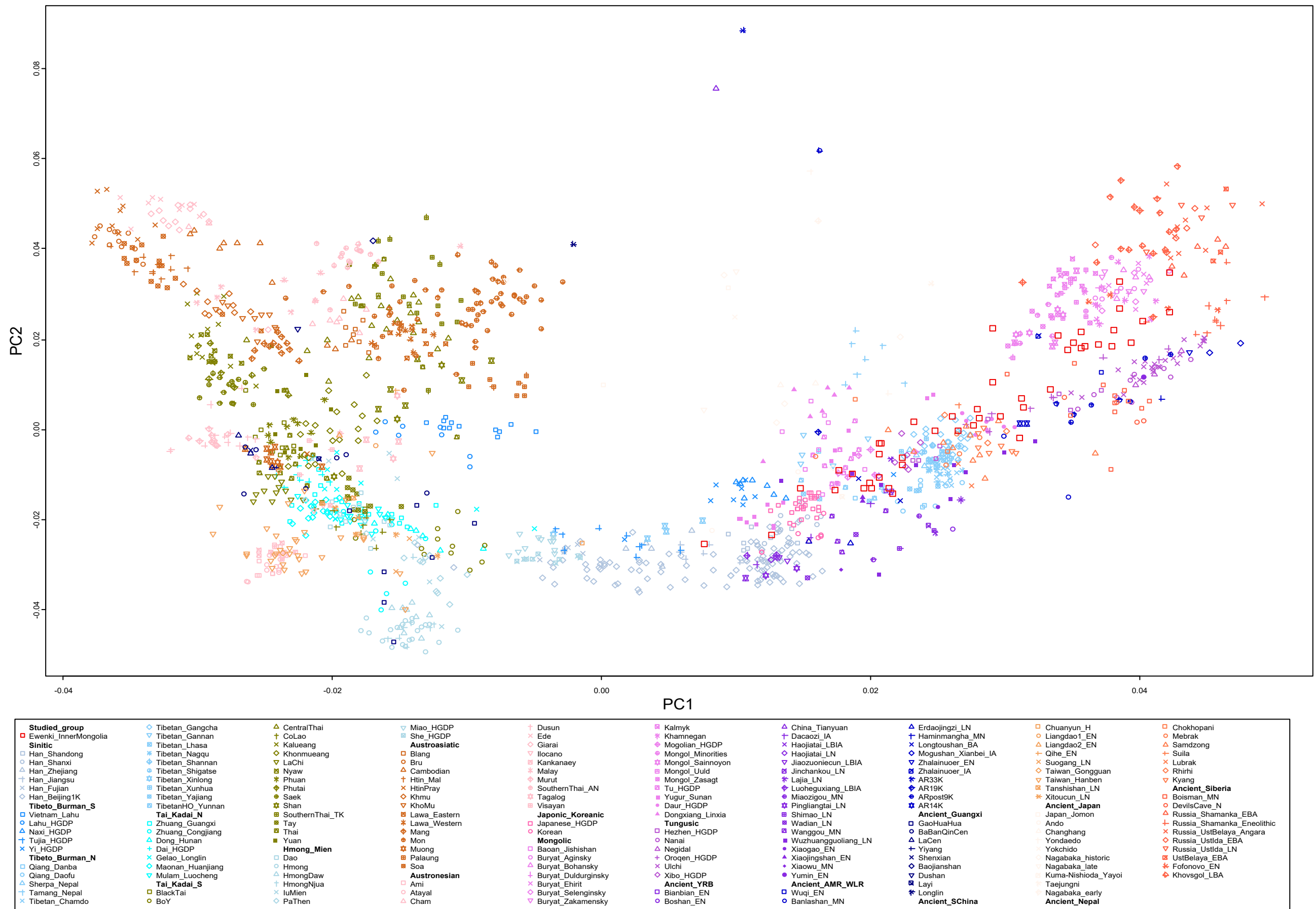


Figure S1. PCA population legend.