

**Table S1** A list of 71 populations used for calculating three-population ( $f_3$ ) and Patterson's D statistics.

Chimp	Altai	Denisovan	LBK	Loschbour	MA1
BantuKenya	Biaka	Mandenka	Mbuti	Ju_hoan_North	Yoruba
BantuSA	Adygei	Basque	Bergamo	French	Orcadian
Russian	Sardinian	Tuscan	BedouinB	Druze	Mozabite
Palestinian	Balochi	Brahui	Kalash	Xibo	Cambodian
Dai	Daur	Han	Han_NChina	Hezhen	Japanese
Lahu	Miao	Mongola	Naxi	Oroqen	She
Tu	Tujia	Yakut	Yi	Chukchi	Eskimo
Sherpa	Tibetan	Ainu	Ami	Atayal	Kinh
Thai	Korean	Ulchi	Itelmen	Kalmyk	Koryak
Yukagir	Nganasan	Altaian	Mansi	Selkup	Tubalar
Tuvinian	Karitiana	Surui	Bougainville	Papuan	