

Table S2. Affinity of Early South Americans to North Americans. Representative f_4 -statistics on 1240K dataset of the form $f_4(\text{Mbuti}, \text{Anzick-1}; \text{Early South American}, \text{Brazil_LapaDoSanto_9600BP}$ or $\text{Late Central Andes})$ or $f_4(\text{Mbuti}, \text{Canada_Lucier_4800BP-500BP}; \text{Brazil_LapaDoSanto_9600BP}$ or $\text{Brazil_Laranjal_6700BP}, \text{Late or Modern Peruvian or Chilean})$. Related to Table S4.

Outgroup	North America	Early South American	Other	f_4 -statistic	Z-score	Number of SNPs
Mbuti	USA_Anzick-1_12800BP	Peru_Lauricocha_8600BP	Chile_LosRieles_10900BP	0.002834	3.425	762,120
Mbuti	USA_Anzick-1_12800BP	Peru_Cuncaicha_9000BP	Chile_LosRieles_10900BP	0.002241	2.477	726,818
Mbuti	USA_Anzick-1_12800BP	Argentina_ArroyoSeco2_7700BP	Chile_LosRieles_10900BP	0.001552	2.020	754,332
Mbuti	USA_Anzick-1_12800BP	Peru_Lauricocha_8600BP	Brazil_LapaDoSanto_9600BP	0.001633	3.109	955,886
Mbuti	USA_Anzick-1_12800BP	Peru_Cuncaicha_9000BP	Brazil_LapaDoSanto_9600BP	0.001005	1.542	875,139
Mbuti	USA_Anzick-1_12800BP	Argentina_ArroyoSeco2_7700BP	Brazil_LapaDoSanto_9600BP	0.000384	0.803	932,942
Mbuti	USA_Anzick-1_12800BP	Peru_Lauricocha_8600BP	Peru_Cuncaicha_4200BP	0.001944	3.007	834,310
Mbuti	USA_Anzick-1_12800BP	Peru_Cuncaicha_9000BP	Peru_Cuncaicha_4200BP	0.001489	1.989	794,865
Mbuti	USA_Anzick-1_12800BP	Argentina_ArroyoSeco2_7700BP	Peru_Cuncaicha_4200BP	0.000749	1.197	823,581
Mbuti	Canada_Lucier_4800BP-500BP	Brazil_LapaDoSanto_9600BP	Peru_Quechua_Modern	0.001442	3.290	204,960
Mbuti	Canada_Lucier_4800BP-500BP	Brazil_Laranjal_6700BP	Peru_Quechua_Modern	0.002161	3.429	116,092
Mbuti	Canada_Lucier_4800BP-500BP	Brazil_LapaDoSanto_9600BP	Peru_Aymara_Modern	0.00149	2.445	208,965
Mbuti	Canada_Lucier_4800BP-500BP	Brazil_Laranjal_6700BP	Peru_Aymara_Modern	0.001889	2.336	118,118
Mbuti	Canada_Lucier_4800BP-500BP	Brazil_LapaDoSanto_9600BP	Peru_LaGalgada_4100BP	0.002109	3.567	178,534
Mbuti	Canada_Lucier_4800BP-500BP	Brazil_Laranjal_6700BP	Peru_LaGalgada_4100BP	0.002678	3.262	108,672
Mbuti	Canada_Lucier_4800BP-500BP	Brazil_LapaDoSanto_9600BP	Peru_Laramate_900BP	0.001158	2.606	192,122
Mbuti	Canada_Lucier_4800BP-500BP	Brazil_Laranjal_6700BP	Peru_Laramate_900BP	0.002455	3.917	113,762
Mbuti	Canada_Lucier_4800BP-500BP	Brazil_LapaDoSanto_9600BP	Chile_PicaOcho_700BP	0.000528	0.722	101,447
Mbuti	Canada_Lucier_4800BP-500BP	Brazil_Laranjal_6700BP	Chile_PicaOcho_700BP	0.001542	1.617	69,706
Mbuti	Canada_Lucier_4800BP-500BP	Brazil_LapaDoSanto_9600BP	Chile_Conchali_700BP	0.000924	1.796	179,370
Mbuti	Canada_Lucier_4800BP-500BP	Brazil_Laranjal_6700BP	Chile_Conchali_700BP	0.00201	2.739	109,689
Mbuti	Canada_Lucier_4800BP-500BP	Brazil_LapaDoSanto_9600BP	Peru_Cuncaicha_4200BP	0.001019	1.594	173,982
Mbuti	Canada_Lucier_4800BP-500BP	Brazil_Laranjal_6700BP	Peru_Cuncaicha_4200BP	0.002244	2.617	107,094
Mbuti	Canada_Lucier_4800BP-500BP	Brazil_LapaDoSanto_9600BP	Peru_Cuncaicha_3300BP	0.000325	0.495	155,599
Mbuti	Canada_Lucier_4800BP-500BP	Brazil_Laranjal_6700BP	Peru_Cuncaicha_3300BP	0.00074	0.853	98,694