

Supporting Information

DeGiorgio et al. 10.1073/pnas.0903341106

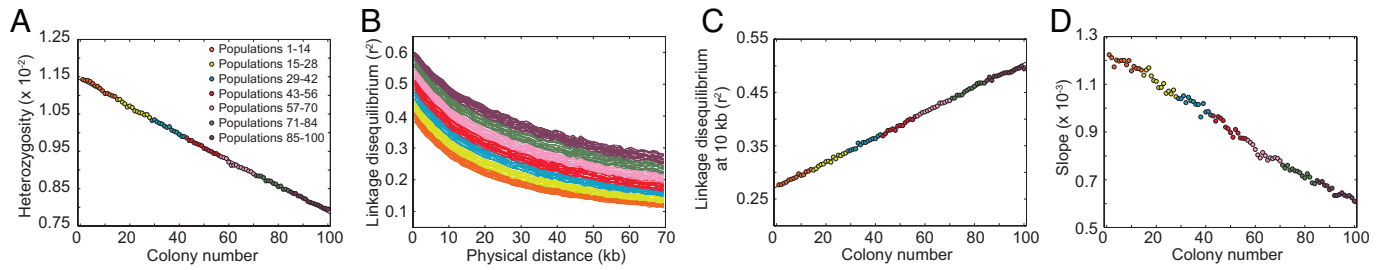


Fig. S1. Patterns of heterozygosity, LD, and the ancestral allele frequency spectrum in simulations of the serial founder model with symmetric migration at rate $M = 1$ between neighboring populations. All other parameters are the same as in Fig. 3.

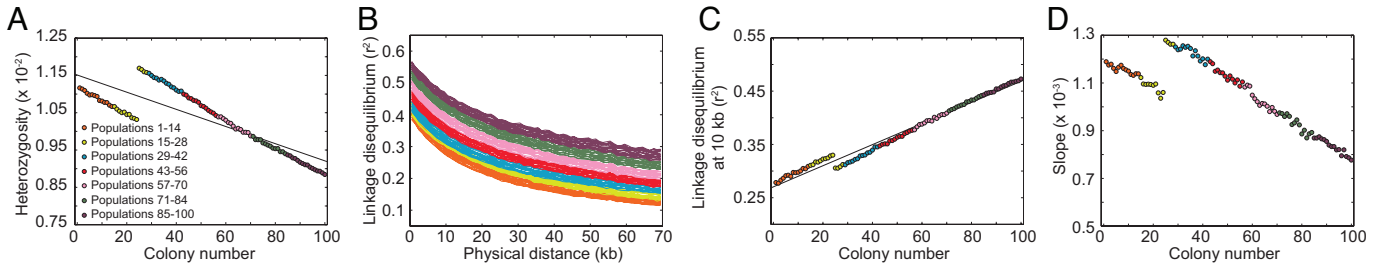


Fig. S2. Patterns of heterozygosity, LD, and the ancestral allele frequency spectrum in simulations of the serial founder model with archaic admixture. The model incorporates archaic admixture with an admixture fraction $\gamma = 0.1$ of population 25 deriving from the archaic population. All other parameters are the same as in Fig. 3.

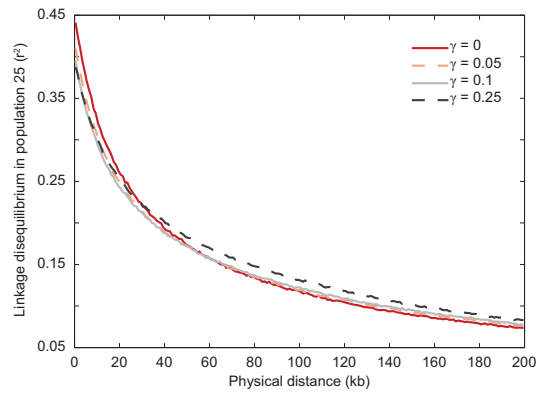


Fig. S3. LD (r^2) as a function of physical distance for population 25 in the serial founder model with archaic admixture at rate γ . The simulation proceeded in the same way as in Fig. 5, except that longer regions were simulated (1 Mb).

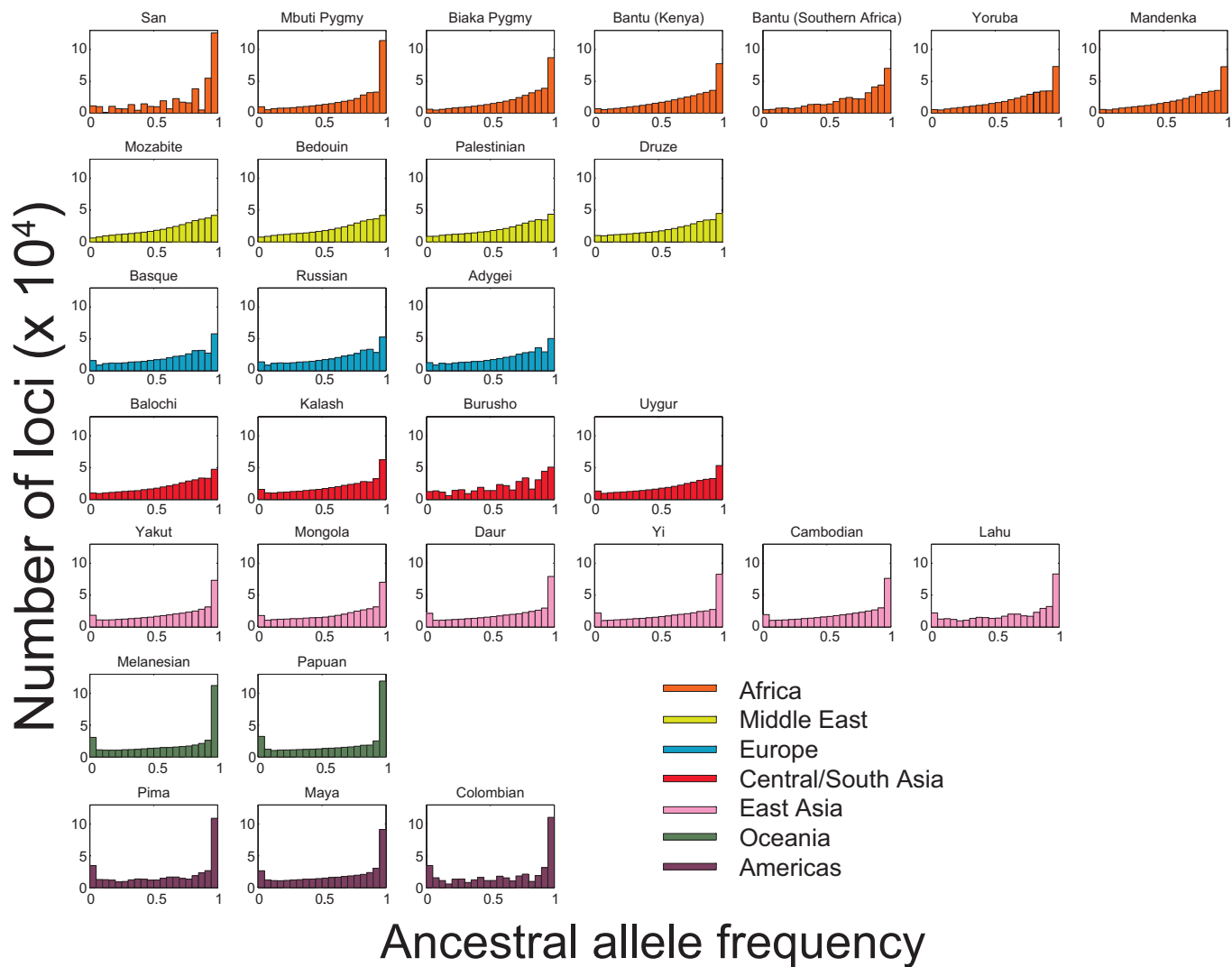


Fig. 54. Ancestral allele frequency spectra calculated using a resampling technique applied to the data of Jakobsson M, et al. (2008) *Nature* 451:998–1003.

Other Supporting Information Files

[SI Appendix](#)

-em 0.0105 81 80 0 -ej 0.0105 81 80 -en 0.010975 80 0.025 -em 0.011025 79 80 0 -em 0.011025 80 79 0 -ej 0.011025 80 79 -en 0.0115 79 0.025 -em 0.01155 78 79 0 -em 0.01155 79 78 0 -ej 0.01155 79 78 -en 0.012025 78 0.025 -em 0.012075 77 78 0 -em 0.012075 78 77 0 -ej 0.012075 78 77 -en 0.01255 77 0.025 -em 0.0126 76 77 0 -em 0.0126 77 76 0 -ej 0.0126 77 76 -en 0.013075 76 0.025 -em 0.013125 75 76 0 -em 0.013125 76 75 0 -ej 0.013125 76 75 -en 0.0136 75 0.025 -em 0.01365 74 75 0 -em 0.01365 75 74 0 -ej 0.01365 75 74 -en 0.014125 74 0.025 -em 0.014175 73 74 0 -em 0.014175 74 73 0 -ej 0.014175 74 73 -en 0.01465 73 0.025 -em 0.0147 72 73 0 -em 0.0147 73 72 0 -ej 0.0147 73 72 -en 0.015175 72 0.025 -em 0.015225 71 72 0 -em 0.015225 72 71 0 -ej 0.015225 72 71 -en 0.0157 71 0.025 -em 0.01575 70 71 0 -em 0.01575 71 70 0 -ej 0.01575 71 70 -en 0.016225 70 0.025 -em 0.016275 69 70 0 -em 0.016275 70 69 0 -ej 0.016275 70 69 -en 0.01675 69 0.025 -em 0.0168 68 69 0 -em 0.0168 69 68 0 -ej 0.0168 69 68 -en 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