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 Nick Patterson 1, Priya Moorjani, Yontao Luo, Swapan Mallick,  
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between archaic and modern humans - Wikipedia Patterson, N. et al. Ancient admixture in human history. *Genetics* 192 , 1065–1093 (2012) Article PubMed PubMed Central Google Scholar Ancient human genomes suggest three ancestral populations ... Ancient DNA from archaic hominins has revealed a rich history of admixture between early modern humans, Neanderthals, and Denisovans, and has allowed us to disentangle complex selective processes. Information from aDNA studies is nowhere near saturation, and we believe that future aDNA sequences will continue to change our understanding of hominin history. Ancient DNA and human history | PNAS The history revealed by these 26 ancient humans highlights the profound impact that population movement and mixture had on human history, but they also reveal continuity that extends back 9,500 years. Ancient DNA unveils important missing piece of human history perception about human evolution by unveiling the complexity of the demographic history of human populations to a great deal. KEYWORDS: Ancient DNA; Archaic hominins; South Asia; Human Evolution; Population Genetics Citation: Pathak AK. Identifying admixture and genetic ancestry in human populations via genetic drift. *Polymorphism* 2020;4:5-20. Identifying admixture and genetic ancestry in human ... This likely reflects a history of admixture between Neolithic migrants and the indigenous Mesolithic population of Europe, consistent with recent analyses of ancient bones from Sweden and the sequencing of the genome of the Tyrolean "Iceman." ADMIXTURE between populations is a fundamental process that shapes genetic variation and disease risk. CiteSeerX — INVESTIGATION Ancient Admixture in Human History The complete sequencing of archaic and modern human genomes has revolutionized the study of human history and evolution. The application of paleogenomics has answered questions that were beyond the scope of archaeology alone—definitively proving admixture between archaic and modern humans. Despite the remarkable progress made in the study of archaic-modern human admixture, many outstanding ... Outstanding questions in the study of archaic hominin ... The Canaanites inhabited the Levant region during the Bronze Age and established a culture that became influential in the Near East and beyond. However, the Canaanites, unlike most other ancient Near Easterners of this period, left few surviving textual records and thus their origin and relationship to ancient and present-day populations remain

unclear. In this study, we sequenced five whole ... Continuity and Admixture in the Last Five Millennia of ... Neanderthal history [6 ]. But admixture between different human groups has not been limited to modern humans and Neanderthals. The genome sequence of a previously unknown group, the Denisovans (a sister group to Neanderthals), also contributed to the genomes of present-day people in Oceania, and, to a lower extent, something old, something borrowed: admixture and ... Thus the generalized Hill-Robertson system is sensitive to ancient admixture, but also captures statistics used to identify recent admixture history, with fewer assumptions about early history. Plagnol and Wall [ 57 , 58 ] introduced a statistic,  $S^*$ , specifically designed to scan for introgressed haplotypes without having sequence data from the diverged population. Models of archaic admixture and recent history from two ... A novel DNA sequence database for analyzing human demographic history. *Genome Res.* 18 1354–1361. [PMC free article] Wall, J. D., K. E. Lohmueller and V. Plagnol, 2009. Detecting ancient admixture and estimating demographic parameters in multiple human populations. *Mol. Biol. Evol.* 26 1823–1827. [PMC free article]

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INVESTIGATION Ancient Admixture in Human History Nick Patterson,\*<sup>1</sup> Priya Moorjani,<sup>†</sup> Yontao Luo,<sup>‡</sup> Swapan Mallick,<sup>†</sup> Nadin Rohland,<sup>†</sup> Yiping Zhan,<sup>‡</sup> Teri Genschoreck, <sup>‡</sup>Teresa Webster, and David Reich\*,<sup>†</sup> \*Broad Institute of Harvard and Massachusetts Institute of Technology, Cambridge, Massachusetts 02142, <sup>†</sup>Department of Genetics, Harvard Medical School, Boston, Massachusetts 02115 ...

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