

## Publication

Ancient DNA, a Neolithic legging from the Swiss Alps and the early history of goat

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Ancient DNA from a Neolithic legging (1st half of the 3rd millennium BC) found at Lenk, Schnidejoch (2750 m a.s.l.) in the Swiss Alps has demonstrated, that modern distribution of genetic variation does not reflect past spatio-temporal signatures. The legging was made from the skin of a domestic goat (*Capra hircus*), belonging to the caprine haplogroup B1, which is marginal in Europe today, but represents a third highly diverse goat haplogroup entering Europe already in the Neolithic. Population expansion of lineage B therefore happened more than 4500 years ago, but their members were at some point almost completely replaced by goats of today's common A and C haplogroups.

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