Table S1. Location information for the study populations.

| Population | Location | Lat (N) | Lon (E) | Altitude (m.a.s.l) |
|------------|-----------------------------|---------|---------|--------------------|
| J1 | Lom, Jotunheimen | 61°84′ | 8°57′ | 300 |
| J3 | Spiterstulen, Jotunheimen | 61°62′ | 8°40′ | 1100 |
| T1 | Sunndalsøra, Trollheimen | 62°66′ | 8°62′ | 10 |
| T4 | Nedre Kamtjern, Trollheimen | 62°74′ | 9°30′ | 1360 |
| SWE | Stubbsand, Sweden | 63°12′ | 18°57′ | 5 |
| GER | Plech, Germany | 49°39′ | 11°29′ | 400 |

Table S2. Pairwise F_{ST} estimates for the study populations.

| Population | J1 | J3 | T1 | T4 | SWE |
|------------|-------|-------|-------|-------|-------|
| J3 | 0.086 | | | | |
| T1 | 0.267 | 0.276 | | | |
| T4 | 0.305 | 0.312 | 0.165 | | |
| SWE | 0.335 | 0.340 | 0.313 | 0.352 | |
| GER | 0.412 | 0.425 | 0.369 | 0.413 | 0.417 |

Values are weighted genome-wide averages estimated for synonymous sites.