

S2 Table. A summary of multi-sample variant calling of 59 high-altitude genomes.

A. Types of variants

| Type | Subtype | # of SNPs |
|-----------------------------|-------------------|-----------|
| All | | 9,742,498 |
| Not present in 1KGP phase 3 | All | 1,364,150 |
| | Intergenic | 746,786 |
| | Intronic | 475,302 |
| | UTR | 14,719 |
| | Splicing | 126 |
| | ncRNA | 93,631 |
| | Exonic | 13,974 |
| | Exonic - silent | 4,784 |
| | Exonic - missense | 8,679 |
| | Exonic - nonsense | 235 |

B. Site Frequency Spectrum

| # ALT | Proportion (%) |
|-------|----------------|
| 1 | 29.46 |
| 2 | 24.14 |
| 3 | 11.51 |
| 4 | 7.05 |
| 5 | 4.40 |
| > 5 | 23.43 |