Table S12. Hypoxia genes identified in the top 1% of this study and in other HA studies.

| **Population** | **Gene** | **Test (rank)** | **Other studya** | **Function** |
| --- | --- | --- | --- | --- |
| Collas | *CYP17A1* | *F*ST (38) | T: Simonson *et al* [[1](#_ENREF_1)] | Cytochrome p450 |
| *FOXO1* | PBS (172) | T: Wang *et al* [[2](#_ENREF_2)] | Cellular response to ROS |
| *PKLR* | PBS (240)  *F*ST (13) | T: Yi *et al* [[3](#_ENREF_3)] | Erythrocyte maintenance |
| *PRKAA2* | XP-EHH (31) | A: Bigham *et al* [[4](#_ENREF_4),[5](#_ENREF_5)] | Myocardial energy balance during ischemia; HIF pathway gene |
| *SYNJ2* | iHS (38) | E: Scheinfeldt *et al* [[6](#_ENREF_6)] | Phosphatidyl-inositol pathway |

aA= Andean, T= Tibetan, E=Ethiopian

**Supplemental References**

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