



Figure S5. Manhattan plot of PBS values for all SNPs (black dots) located within all exons of *Epas1*. Exome-wide values for mean, 99%, and 99.9% percentile PBS values are shown, and three outlier SNPs above the 99.9th percentile located in *Epas1* are highlighted in orange. Pairwise linkage disequilibrium estimates (measured with the squared correlation coefficient,  $r^2$ ) for each SNP pair are provided.