

Supplementary Table S1: Amplification and SNE primers *EPAS1*/HIF-2 α region of Chromosome 2.

Target	Forward Primer	Reverse primer	SNE primer
rs113305133	TATGCAAGGTT AGTG	CATGCTATTCCAA GG TTCCCC	T(7)GCCCCCTTACCTTCACCCC
rs149306391	GAGTATTCGCC TAGG	TCACTGTTCCCCTT TC ACAGAT	AGATTGTTATTGTCATTGTTCTTCT TT
rs188801636	AAAGGCCTTAT CCTCT AGCCTG	ACATCATTTCTCCA GA AGCCTA	TACATCATTTCTCCAGAAGCCTATA TT TAATATAA
rs61151542	TCCCGTTAATT ACAG	AACTCAGATTTC GT GCCTTCG	T(14)CCTTGTGTTTTCCTCAAATACT A CAT
rs77111769	TTTGACCTTCC CCATT	CAGTTCTGGGCTG TA TTATGCC	T(23)CCCTTCTTAGGCAAATAATGG
rs373417600	AGGATGAAAA CGCTC	ACTCTGTCTCTCCT GT TAAGCC	ATAAGGTTTAGTTTGTTCCTT AC GTAAGTGGCTTTTAATAATGTGCCTT
rs150877473	GAGTCCCAGGT GTAG GGTAAC	GGGCAGTTGTTGTA G ACTTCA	CGGCTCCATGTCTGACCCTTCCAC GC CTGT
rs142764723	AGAAAGCTTGT ACAG	GTTTTCTCTGTGCT GT TCTTGC	GAATCATGGGCTTGGGTTTTTCTT GT TTTGTCTTTCGCTAGTGAATAAGT
rs117813469	AACCTGGACTC AGGA	CACATCTCTCCTT CC ATCGC	TGTCCTGGCCCTCGCT
rs13005507	GTTGGGCCCA GAGTT GATCT	AGATGGAGGGGAT G CTTTGATT	TGTTGATCTGCTGACCCACTT