

Supplementary Table S1: Primers and probes used for detection of the respective mRNA in mouse (m) or rat (r) transcripts.

	Forward primer (5'→3')	Probe (5'→3')	Reverse primer (5'→3')	NCBI accession no.
<i>mPhd1</i> (<i>mEgln2</i>)	GGGGGAAAGTGGTATGGGCTG	TGGCGAGGCCATGGTGGC GTG	CCGAGCCCATTGCCTGGATAA	NM_001357767.1
<i>mPhd2</i> (<i>mEgln1</i>)	CTGACCGGCGTAACCCTCAT	GCCAGCATAACGCCACAAGG TACGCA	TCTCGCTCGCTCATCTGCAT	NM_053207.2
<i>mPhd3</i> <i>mEgln3</i>)	GAGCCGGCTGGGCAAATACT	GGAGCGGTCCAAGGCAAT GGTGGCT	TTGGGGTTGTCCACATGGCG	NM_028133.2
<i>mHif1a</i>	GGGGAGGACGATGAACATCAA GTC	GGAAGGTGCTTCACTGCAC GGGCCA	CCCACACTGAGGTTGGTTACTGTT	NM_010431.2
<i>mHif2a</i> (<i>mEpas1</i>)	CCATGCCCTGGATTCGGAGAA	ACTTGTGCACCAAGGGGCA GGTGGT	CGTGTTTGGCTAGCATCCGGTA	NM_010137.3
<i>mHif3a</i>	GGCACACAACCTAGGGGAGAA	TCAGCGCGCACCTGGACAA GGCCTC	TTCCACTGGTTCCACTCCC	NM_016868.3
<i>mNepas</i>	GGCATCGAGGGCTCTGGAAC	TCAGCGCGCACCTGGACAA GGCCTC	TCAGGTAGCAGGCGTCCAGT	NM_001162950.1
<i>mlpas</i>	GTACCAGCTGGCGCACTC	TCAGCGCGCACCTGGACAA GGCCTC	GGAGGAACAGAGTCCACTGACT	AF416641
<i>mVegfa</i>	TGTGCAGGCTGCTGTAACGAT	AAGCCTGGAGTGCCTGCC CACGTC	GTGCTGGCTTTGGTGAGGTTTG	NM_009505.4
<i>mGlut1</i> (<i>mSlc2a1</i>)	TGTGCTCATGACCATCGCCCT	GGCCTTGCTGGAACGGCTG CCTTGG	AAGCCAAAGATGGCCACGATGC	NM_011400.3
<i>mTrkb</i> (<i>mNtrk2</i>)	CGAGTGCTACAACCTCTGCC	GGCTGTGAAGACGCTGAA GGACGCC	GTCTTGCGTGCATTGTGCGC	NM_001025074.2
<i>mCa9</i> (<i>mCar9</i>)	GGAGGCCTGGCAGTTTTGG	TGCCTTTCTGCAGGAGAGC CCAGAAGA	GACAGCAACTGTTCTGTAAGCACT	NM_139305.2
<i>rPhd2</i> (<i>rEgln1</i>)	ATGAACAAGCACGGCATCTG		TTGGGTTATCGACGTGACGG	XM_039098215.1
<i>rPhd3</i> (<i>rEgln3</i>)	ATGGTGATGGCCGCTGTATC		GACTTCACACCACCGTCAGT	NM_019371.2
<i>rVegfa</i>	GTACCTCCACCATGCCAAGT		CTGCATGGTGATGTTGCTT	NM_001110334
<i>rTrkb</i> (<i>rNtrk2</i>)	GTGGAGGAAGGGAAGTCTGTG		CAGTGGTGGTCTGAGGTTGGA	M55293.1
<i>rCa9</i> (<i>rCar9</i>)	ATCACCCAGGCTCAGAACAC		TCGGTAGTAGCGACTGAGGT	NM_001107956.1
<i>rActin</i>	ATGGTGGGTATCAGAA		GGGGTGTGACTCAA	NM_031144