

Table S1. List of primer and shRNA nucleotide sequences.

Category	Target	ID	Sequence (5'-3')
Mutagenesis Primers	HIF-1 α (human)	S31A-fwd S31A-rev	ATCTCGGCGAGCTAAAGAATCTGAAGTTTTTTATGAG CTGGCTGCATCTCGAGAC
		T63A-fwd T63A-rev	GATGAGGCTTGCCATCAGCTATTTG ACAGAGGCCTTATCAAGATG
		S692A-fwd S692A-rev	TAACGTGTTAGCTGTCGCTTTG GGGCTTCTTGGATGAGATTTTTTC
		T700A-fwd T700A-rev	GAGTCAAAGAGCTGCAGTTCTGAGG AAAGCGACAGATAACACG
		S727A-fwd S727A-rev	ACATGATGGTGCACCTTTTTCAAG TCCATTTTTCGCTTTCTCTG
		S760/761-fwd S760/761A-rev	AGGATGCAAAGCTGCTGAACAGAATGGAATGGAG TGGATCCCCGGAATTCC
		S809A-fwd S809A-rev	TATACAAGGCGCCAGAAACCTACTGC GGAGCATTAACCTCACAATC
RT-qPCR Primers	<i>HIF1A / Hif1a</i> (human / rat)	Fwd. Rev.	CCACAGGACAGTACAGGATG TCAAGTCGTGCTGAATAATACC
	CA9 (human)	Fwd. Rev.	TCTCGTTTCCAATGCACGTACAGC AGTGACAGCAGCAGTTGCACAGT
	Ca9 (rat)	Fwd. Rev.	CCTCTCTGCTGGTGACATCC GTCCCATTCTGTGCCTGTG
	<i>PKD1 / Pdk1</i> (human / rat)	Fwd. Rev.	ACCAGGACAGCCAATACAAG CCTCGGTCACCTCATCTTCC
	CD39 (<i>ENTPD1</i>) (human)	Fwd. Rev.	ACTATCGAGTCCCCAGATAATGC CCTGATCCTTCCCATAGCACAA
	CD39 (<i>Entpd2</i>) (rat)	Fwd. Rev.	TTCTGCTACTTTGCGTCCC CCTGTGTCATTCTCCTTGTC
	CD73 (<i>NT5E</i>) (human)	Fwd. Rev.	CCAGTACCAGGGCACTATCTG TGGCTCGATCAGTCCTTCCA
	CD73 (<i>Nt5e</i>) (rat)	Fwd. Rev.	ACCAACACCTTTCTCTACACAG CTCAACCTTCAGATAGCCCAG
	18S RNA (human / rat)	Fwd. Rev.	CGGCGACGACCCATTGGAAC GAATCGAACCTGATTCCCCGTC
shRNA	<i>PRKACA</i> (human)	shCa-1	CCGGCAGCCCACTTGGATCAGTTTGCTCGAGCAAAC TGATCCAAGTGGGCTGTTTTTG
		shCa-5	CCGGTAGATCTCACCAGCGCTTTGCTCGAGCAAAG CGCTTGGTGAGATCTATTTTTG

Table S2. Antibodies used for immunoprecipitation (IP) and immunoblot (IB) assays.*

<u>Antibody target</u>	<u>Commercial source</u>	<u>Catalog number</u>
CREB (IB)	Novus Biologicals	NBP1-90364
FIH-1 (IB)	Novus Biologicals	NB100-428
GST (IB)	Santa Cruz Biotechnology	sc-459
HIF-1 α (IB)	BD Biosciences	610959
HIF-1 α (IP)	R&D Systems	AF1935
KAT3B/p300 (IP)	Novus Biologicals	NB100-616
Penta-Histidine-HRP (IB)	Qiagen	1014992
Phospho-Ser-133 CREB (IB)	Cell Signaling	9191
PKA-Ca (IB)	Novus Biologicals	NB100-92207
PKA-R1a (IP)	Novus Biologicals	NBP1-47935
Rat and human actin (IB)	Santa Cruz Biotechnology	sc-1616
Rat and human CD39 (IB)	Santa Cruz Biotechnology	sc-33558
Rat and human CD73 (IB)	Novus Biologicals	NBP1-85740
Rat HIF-1 α (IB)	Novus Biologicals	NB100-479
Rat PKA-R1a (IP)	BD Biosciences	610166
Yeast Gal4 DBD (IB)	Santa Cruz Biotechnology	sc-577

* Unless otherwise stated, all antibodies were raised against proteins of human origin.