

## SUPPLEMENTARY TABLES

**Supplementary Table 1. Primers used in our study.**

Genes	Forwards	Backwards
eNOS	5'-ATGCCCAACCCAAACCTTGT-3'	5'-AGAGGTGTCTGGGACTCACT-3'
GUCY1a1	5'-TAAGAGGGGCAAAGTCTCTTCA-3'	5'-GCCCTTTTCCAAGCAGGACT-3'
GUCY1b1	5'-ATAAGAGGGGCAAAGTCTCTTCA-3'	5'-AGGGCAAACAGGGATGCTTA-3'
MVH	5'-CCTCCACCAGAGGATGAGGA-3'	5'-GGTGGTGCATCATGTCCAGA-3'
FOXL2	5'-AACACCGGAGAAACCAGACC-3'	5'-CGTAGAACGGGAACCTGGCT-3'
PKG	5'-CACCTGCGGGATTTACAGT-3'	5'-CACCGAGCGATACTTGTCCA-3'
FBXW7	5'-TTCATTCCTGGAACCCAAAGA-3'	5'-TCCTCAGCCAAAATTCTCCAGTAC-3'
mTOR	5'-GTCGGCACTCCACTATCCTG-3'	5'-ATGGAGATCCTTGGCACACC-3'
β-actin	5'-AGAGGGAAATCGTGCGTGAC-3'	5'-CAATAGTGATGACCTGGCCGT-3'

**Supplementary Table 2. Primary antibodies used in our study.**

Antibody	Source	Cat.		Dilution	
		number		IF/IHC	WB
eNOS	Novus	NB300-500		1:100	
nNOS	CST	4231		1:100	
iNOS	CST	13120		1:100	
PKG	CST	3248		1:50	
mTOR	Gentex	GT 649		1:50	
mTOR	CST	2983			1:1000
MSY2	Santa Cruz	Sc-21316		1:100	
FOXO3a	CST	12829		1:50	
FBXW7	Thermo Scientific	40-1500		1:50	1:1000
Flag	Thermo Scientific	F2555		1:100	
GAPDH	CST	2118			1:1000

IF, immunofluorescence; IHC, immunochemistry staining; WB, Western blotting.