



Legend
 Liquid chromatography-tandem mass spectrometry (LC-MS/MS) for angiotensin metabolites in the *ex vivo* equilibrated plasma of wild type and Apelin KO mice (n = 5-8 per group). **A**, The diameter of the spheres reflects the concentration of each one of the 10 peptides: Ang (1-10), (1-9), (1-7), (1-5), (1-8), (2-7), (3-7), (2-10), (2-8), and (3-8). Values are given in picograms per milliliter next to each individual sphere; 0 pg/mL indicates concentrations below detection limits. Ang II levels (**B**), Ang 1-7 levels (**C**) and Ang 1-7 to Ang II ratios (**D**) are shown for the each group.

Figure S1

Supplementary Table S1

Gene	Primers	Sequence (5'-3')
<i>BNP</i>	Forward	ATGGATCTCCTGAAGGTGCTG
	Reverse	GTGCTGCCTTGAGACCGAA
<i>b-MHC</i>	Forward	GCAGCAGTTGGATGAGCGAC
	Reverse	TGCTCCTCCAGCCTTTCAC
<i>ANF</i>	Forward	TGAGAAAAGCACGGAGGTATCC
	Reverse	AGAGTTTTGAAAGTTGCTCACATCA
<i>Ace</i>	Forward	TGAGAAAAGCACGGAGGTATCC
	Reverse	AGAGTTTTGAAAGTTGCTCACATCA
<i>Ace2</i>	Forward	CTACAGGCCCTTCAGCAAAG
	Reverse	TGCCCAGACCCTAGAGTTGT
<i>Col81a</i>	Forward	TCAGACTCATTTCAGGCCGGTGC
	Reverse	CGCGCAAACCTGGCTAACGGTAC
<i>Tgfb2</i>	Forward	AGAAGCGCGCTTTGGATGCTGC
	Reverse	TGGGACACACAGCAAGGGGAAG
<i>Postn</i>	Forward	TGCTCTGCTGCTGCTGTTCCCTG
	Reverse	TGCTGGAGGGCACAGACGTTTTG
<i>GAPDH</i>	Forward	CCCATCACCATCTTCCAGGA
	Reverse	GGGGCCATCCACAGTCTTCT
<i>18S</i>	Forward	AAACGGCTACCACATCCAAG
	Reverse	CCTCCAATGGATCCTCGTTA