

# Exploring the Mechanisms of Acupuncture-Induced Lowering of Blood Pressure through Positron Emission Tomography and RNA Sequencing of the PVH

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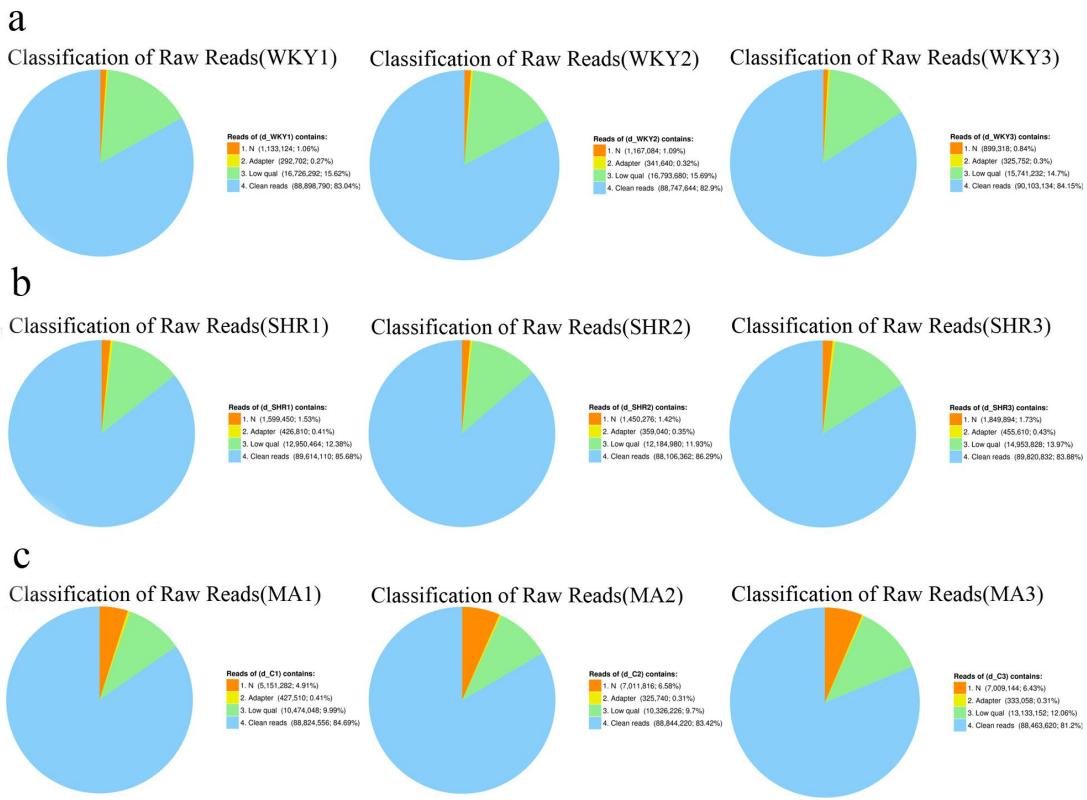
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**Supplementary Table 1.** Primer sequence information.

Gene	Primer sequences
<i>Ednra</i>	F: GCTCTAGATAGGTAGCAACGTGGCTT
<i>Ednra</i>	R: GCTCTAGAGCCCCAAACTTGTCAAC
<i>Ccr5</i>	F: TCCTGACCACCTTCCAGGAA
<i>Ccr5</i>	R: GCAGCAGTGTGTCAATCCCAA
<i>Angptl2</i>	F: TGTCAACTCCAAAGAGGCCG
<i>Angptl2</i>	R: GTCTCGATCTGCCGCTTCTG
<i>Gnb3</i>	F: TCTACAACCTCAAATCCCGC
<i>Gnb3</i>	R: TCTCAATGTCCCACAAGGC
<i>Erbb2</i>	F: GAGACAGAGCTAAGGAAGCTGA
<i>Erbb2</i>	R: ACGGGGATTTCACGTTCTCC
<i>Klotho</i>	F: TCCCTCCTTACCTGAGAAC
<i>Klotho</i>	R: CGGATGGCAGAGAAATCAAC
<i>Gpr81</i>	F: GGCTGAGAAAAGCGGTATGA
<i>Gpr81</i>	R: TCGTTAACTCTCTCCGAGCTAGA
<i>Cyp1b1</i>	F: CACTGCCAACACACCTCTGTCTT
<i>Cyp1b1</i>	R: CAAGGAGCTCCATGGACTCT
$\beta$ -actin	F: TCACCCACACTGTGCCCATC
$\beta$ -actin	R: AGCTGTAGCCACGCTCGGTC

**Supplementary Table 2.** Quality metrics of clean reads.

Sample	Total Raw	Total Clean	Total Clean	Clean Reads	Clean Reads	Clean Reads
	Reads(Mbp)	Reads(Mbp)	Bases(Gbp)	Q20(%)	Q30(%)	Ratio(%)
WKY1	107.05	88.9	8.89	97.64	91.29	83.04
WKY2	107.05	88.75	8.87	97.56	91.05	82.9
WKY3	107.07	90.1	9.01	97.74	91.44	84.15
SHR1	104.59	89.61	8.96	97.7	91.34	85.68
SHR2	102.1	88.11	8.81	97.76	91.47	86.29
SHR3	107.08	89.82	8.98	97.42	90.86	83.88
MA1	104.88	88.82	8.88	97.66	91.52	84.69
MA2	106.51	88.84	8.88	97.63	91.39	83.42
MA3	108.94	88.46	8.85	97.35	90.6	81.2



**Supplementary Figure. 1** A summary of the original RNA-Seq data. The original data performance of the WKY(A), SHR(B), and MA(C) group is shown in the pie chart (n = 3). N: The total amount of reads that contain more than 5% unknown N base (the N reads ratio); adaptor: The total amount of reads that contain adaptors (the adaptor ratio); low quality: More than 20% of the bases in the total read have a quality score lower than 15 (a low quality read ratio); clean reads: Reads filtered with N reads; reads have adaptors and low quality reads (a clean read ratio).