

Table S4. Primer sequences of 8 parental genes for RT-qPCR.

order	gene name	primer sequence	efficiency	Product length (bp)
1	<i>MIB1</i>	GTGCTAACCAAGGCAAATGTCG GCCCACCTTTCCAAGGGTTG	104.0%	183
2	<i>KAT6B</i>	AGCCTGTCAAGGGTTTCGGTAG GGCATGGTTTGGGTCTGGTTTA	103.1%	236
3	<i>ITGA8</i>	CATGGGTCCTAGTCCGGTCAAT CCACAGCCTACTCATCTCTTACA	92.9%	244
4	<i>HBAC</i>	ATGATCTTATTGGTGAATGAGCG CAGCGAGGGCAGCAGACAG	101.3%	192
5	<i>KCNC1</i>	ACTACGCCGAAAGGATAGGAGC CAATCACAGGAACAGGCATAGCA	91.0%	216
6	<i>F13A</i>	GCACCTACATTCTGTCTTCCC GGATGCCATAGGGCGTCA	96.8%	165
7	<i>HERC1</i>	TCAAACCTACAGGGTGAGACAGAAGAG CTGGTAACAGCCAGAAGAAATGC	97.1%	176
8	<i>HERC4</i>	AAAGGGCGGCACAGTATTCA GACGATGCGACTGATACGAGTG	91.9%	165
9	<i>β-actin</i>	AGCCATCCTTCTTGGGTATG GGTGGGGCGATGATCTTGAT	99.2%	211

Table S5. Divergent and convergent primer sequences of 15 selected circRNAs

Order	circRNAs ID	Divergent primer (5'-3')	Convergent primer (5'-3')
1	cid_circ_0069	GATGTCCTGATTGTACTGGCAACA CGCTCTGTCCTCAGCTTTGC	GAACCTGATCTCGTTTCTCTTTTG CCCAGCGAGATGAACACAAAC
2	cid_circ_0547	GCTGGATCGAATCGCTAGTATGA	GGTGACCATGCTAACTAGGGTTCTG

		AAGGACACCCTCGTCGAGATG	TAAACGGCCACGTCATGCAC
3	cid_circ_1653	TGGTGCTTACAAGTCTTTCGTGC TTTCCGTTTTTTAGCACCTTGTATC	AAGATACAAGGTGCTAAAAACGGAA GGATGAGGAGACTGAGGAGGTAGA
4	cid_circ_3555	CCGGTTACGCTCCTATAAGGTTTG GTGATTACAGCCGGTCATGGG	CCGTCAGTTACCCAGTGAATACAAA GTTCCGGTCCTCCAGAGGTTTG
5	cid_circ_4537	CGACTCCAAATGGCAGAATGTC GCTTCAAAGTCGCCATTGTTG	AAATCTGCGACCCTGGACTCAC TGGACATTCTGCCATTTGGAGT
6	cid_circ_3204	AAATAAAGATGCTGACCGTCTACCC AGATTGTGTGCGAGGATCTTGAAG	ATTTGAATGTTGGTAAGGGACGA TATCTGTATTTATCAGCGAGGGCA
7	cid_circ_1816	AGACAGACTCCATTCAGGAGAGGTA CCTCTGCCTGTTTTGCATCTCG	AGGCAGAGGGCTTCCTCAATA CGTCAGATACAAGTCTCCGTCCA
8	cid_circ_2796	GTTTCGAGTCTAAGAAGAAGCGATGA AAAGGAAGCACAGGCCATATCTTT	CCTTCATCCTCCTCATTCCAGC CTTGGCAAAAAGAAACACACGTC
9	cid_circ_3277	CGGACCGGTTCTGGAGGTG CCGCCGACGTGACCTTTC	GCTGAGGTCAAGGAGTTCGG AGGAAGTTGGTGCTCTGGGTCT
10	cid_circ_4726	GGGCACTGGTCTTCACTCCTAC GGGGCTTTTCCATCTCTGTACTT	CGTGATTTCTGCCCTGGTGTTT GAAGACCAGTGCCCAGCCTAAA
11	cid_circ_0443	TCTTTGCTCCATCCGATTCCC GACGGTTTATGAGGTTCTGCCTG	CTCTTTGTGGAGGTGATGTGATTG GCTGGCGTGCTGCTGGATA
12	cid_circ_1569	AAGTTCTTGCCCATTTACAACCC GCAACCACCATCTAGCACCTC	CAAATGAGCAGGAGTCCAAGC GAGGAAGTTAGTGCTTTGCGTTTT
13	cid_circ_2061	GTACCAGTACACCGCTCCCTCTT GATCTGCACGGACCGCTG	GTGCCCTGAAACAGCAGAAGA CTCCAGCACCAGCGGGG
14	cid_circ_2287	TCTTACCTCTCAGAGAATGCTGGAG GCAGTAGAGGGTCTTGAAGTAGCG	CAGGAACAAGCCCAACGAGAA GCTTATGTTGAGGGCGTCTTTG
15	cid_circ_2960	TACAACAACGGCAAATACAAGCA CGCATCCTCTCACAGGAAGT	CTGGCTGCGAGAAGAGGGTTT CTGCTGCTTGTATTTGCCGTTG