

**Table 1. Details of the rat primers used for quantitative real-time PCR of each gene**

	Gene	Name	GenBank accession no.	Direction	Primer Sequence (5'-3')	Amplicon Length (nt)
<b>Internal control</b>	<i>18S</i>	<i>Rat 18S ribosomal RNA</i>	NR_046237	Left	GGAGCCTGAGAAACGGCTA	64
				Right	TCGGGAGTGGGTAATTTGC	
<b>Class I</b>	<i>Hdac1</i>	<i>Histone deacetylase 1, mRNA</i>	NM_001025409	Left	GATCGGCTAGGTTGCTTCAA	131
				Right	CAGCACCGAGCGACATTAC	
	<i>Hdac2</i>	<i>Histone deacetylase 2, mRNA</i>	NM_053447	Left	GCTGTCCTCGAGCTACTGAAA	110
				Right	GTCATCACGCGATCTGTTGT	
	<i>Hdac3</i>	<i>Histone deacetylase 3, mRNA</i>	NM_053448	Left	ATGCTGAAGAGAGGGGTCCT	64
				Right	TCATAGAATTCATTGGGTGCTTC	
	<i>Hdac8</i>	<i>Histone deacetylase 8, mRNA</i>	NM_001126373	Left	TGCCCTGCATAAACAATGA	83
				Right	GATAGGCATCAGTGTGGAAGG	
<b>Class II A</b>	<i>Hdac4</i>	<i>Histone deacetylase 4, mRNA</i>	NM_053449	Left	ATCACCATCCTTGCCCAAC	96
				Right	GGGAGAGCAAGCCTCTCAG	
	<i>Hdac5</i>	<i>Histone deacetylase 5, mRNA</i>	NM_053450	Left	GGTCGTAAAGCCCACTGGA	95
				Right	TCCAGCTTCTGCCGGTTAAG	
	<i>Hdac7</i>	<i>Histone deacetylase 7, mRNA</i>	XM_006226246	Left	AGCCCCAGTATCCCCTACAG	117
				Right	ATGTTCCGGGGGTTTCAGT	
<i>Hdac9</i>	<i>Histone deacetylase 9, mRNA</i>	NM_001200045	Left	TGCCCTTCTAGGAAATGAGC	76	
			Right	AGCGGCTGCATTTCGTATT		
<b>Class II B</b>	<i>Hdac6</i>	<i>Histone deacetylase 6, mRNA</i>	XM_003754740	Left	CAGACCACAGGAGCTTCACC	112
				Right	CGGATTCTTGGACTTCCTGA	
	<i>Hdac10</i>	<i>Histone deacetylase 10, mRNA</i>	NM_001035000	Left	AGCGATGTGTAGCCCATAGAG	75
			Right	ACCAGATGTCTGCCTCCTTG		
<b>Class IV</b>	<i>Hdac11</i>	<i>Histone deacetylase 11, mRNA</i>	NM_001106610	Left	ACGTCCTGGAGGGAGACC	69
			Right	CTTCATCCCTCTTCAATGC		