

S3 Table. PCR primer pairs for detecting the target gene

Target	Primer	Sequence
Wild-type <i>NUTM1</i> (NM_001284292.1)	Forward	CTTCCAGACAGCCACAGTTAGT
	Reverse	TCAGAAGTTGGTGGGAGAAAGG
Wild-type <i>BRD4</i> (NM_058243.3)	Forward	AAAAGGGAATAGTGCCGTGGAG
	Reverse	AGGAACTGACTTTGGTTGGTGG
<i>BRD4-NUTM1</i>	Forward	GACAGCGAAGACTCCGAAAC
	Reverse	GCACTAGGTTTCATGCTCATATCC
<i>B4N</i> ddPCR	Probe	6-FAM - AGCATCTGCATTGCCGGGAC - BHQ1
<i>GUSB</i>	Forward	CTCATTGGAATTTTGCCGATT
	Reverse	CCGAGTGAAGATCCCCTTTTAA
<i>GUSB</i> ddPCR	Probe	HEX - AGTCACCGACGAGAGTGCTGG - IBQ
Wild-type <i>SS18</i>	Forward	GTAGATGCTTGATTGTTTTGGTCTC
	Reverse	GTGCTTTGTCTTCCCCTCAC
<i>SS18-SSX1</i>	Forward	GTCCTCAGTATCCTAACTACCCACA
	Reverse	GGTGCAGTTGTTTCCCATCG