

**Table S1.** Primers for overexpression plasmid.

Gene	Primer	Sequence (5'-3')	Annealing temperature (°C)
<i>GALNT15-OE</i>	Forward	CCCAAGCTTGCCACCATGGATGTTCTGTAAGGAAGCGAGGC	65
	Reverse	CGGAATTCCTTCTGACATGGCACTCA	65

**Table S2.** Sequence for siRNA.

Gene	Primer	Sequence (5'-3')
Negative Control	Forward	UUCUCCGAACGUGUCACGUTT
	Reverse	ACGUGACACGUUCGGAGAATT
<i>siRNA-1</i>	Forward	GGAAGCUUCCAGUAUUATT
	Reverse	UAAUACUGGAAAGUCUUCCTT
<i>siRNA-2</i>	Forward	GCCAUGGACAGACAUUACUTT
	Reverse	AGUAAUGUCUGUCCAUGGCTT
<i>siRNA-3</i>	Forward	GUCAGGAGAAACAAUAAAGATT
	Reverse	UCUUUAUUGUUCUCCUGACTT

**Table S3.** Primers for RT-qPCR.

Gene	Primer	Sequence (5'-3')	Annealing temperature (°C)
<i>GAPDH</i>	Forward	TCTTCTGGGTGGCAGTGAT	61
	Reverse	GTTTGTGATGGGCGTGAA	61
<i>GOT1</i>	Forward	CTGGATTCAAAGACATTCGG	59
	Reverse	AGGCTGAGTCAAAGAAGGG	59
<i>RBP5</i>	Forward	TGAACATCAACTTGGCTCTG	59
	Reverse	ATGGTCTGGCACTTTCGTC	59
<i>XIRP1</i>	Forward	AGAGAAGGTGATGGCAGAAC	58
	Reverse	GGAGGAACAGAGGCATTATG	58
<i>CNN1</i>	Forward	TCCTCTGCTCACTTCAACC	58
	Reverse	CTCGCAAAGAATGATGCC	58
<i>HSPA6</i>	Forward	CGCAGAATACCGTGTTTG	58
	Reverse	CAGTCTCCTTCATCTTGCTG	58
<i>DAPK3</i>	Forward	GCATTGCCACAAGATTG	58
	Reverse	GAGGATGTAGGTGATGACGC	58
<i>PENK</i>	Forward	CCTTCTGTGGTTGACTTGATTG	58
	Reverse	CAGCATTTATGGGCGTTTG	58
<i>MTFP1</i>	Forward	GCTGATGCCATTGACAAAG	58
	Reverse	ATAGTGAAGCCTGGGATGC	58
<i>PERP</i>	Forward	GCTGTGGTGGAAGTGTTCTC	58
	Reverse	GCAGGAAGACAAGCATTTG	58
<i>LOC100157061</i>	Forward	GGAATCCAAGAACAATCAGCATCT	59
	Reverse	AGTGGGAGTCTTGAACAAAG	59
<i>LOC100622439</i>	Forward	TCTCCTCGTATCTCAGTCTGTTC	59
	Reverse	GTAAGGTGATAAGTGCTGCCATAG	59
<i>ZNF648</i>	Forward	CGAGCACCACGGAGATATTCAA	60
	Reverse	CAGAGTTCTTGTCAGCCAGG	60
<i>LOC106505263</i>	Forward	TACGAGTTCACCTTGACGATGG	60
	Reverse	AAGTCAGGAGGCAGGTAGTTC	60
<i>LOC110255980</i>	Forward	TGGCAAGGGTCACTCTAGGA	59
	Reverse	GCTGGGGACCTTTCATCTT	59
<i>LOC100623270</i>	Forward	TGTCACCCTGGAAATGGAAT	59
	Reverse	TGTAATGTGCTTGTCTGCGTAAC	59
<i>LOC106505720</i>	Forward	GAGGTTCTGCTTCCAGTGTCTTA	60
	Reverse	GCCACGCTTACCTTCTTGTTATTG	60
<i>LOC110255759</i>	Forward	CTGCTGATGGACTCTGGGTTT	60
	Reverse	CCTCTTCTGCTGGCTCTCTTT	60
<i>LOC110257277</i>	Forward	TCCTCCAACCTCCATTCTTCATT	59
	Reverse	CCTCAGCAACAACACACCAAT	59
<i>LOC110260256</i>	Forward	GGCTGGAGGGAGAGATTGAAATG	61

	Reverse	CTGCTTGGTTCTGCGTTGTTG	61
<i>ssc-miR299-5p</i>		TTACTACACCCGTCCCGTGC	60
<i>ssc-miR397-5p</i>		CAACTATTCAGGGCGGAGCAG	60
<i>ssc-miR1156-5p</i>		ACTCATGAGTCCACCTGCCG	60
<i>ssc-miR204-5p</i>		AACACGCTCTCTCCAGCCTC	60
<i>ssc-miR190-3p</i>		AGTATTCTGTGCTGCTCGGGT	60
<i>ssc-let-7a</i>		CAGCGCTGAGGTAGTAGGTTGTATAGT	60
<i>ssc-miR1358-5p</i>		TCAGCTTCGGGCCTAGATCCT	60
<i>ssc-miR1379-3p</i>		CTGGGATCTCTGGGTTTGGGC	60
<i>ssc-miR1379-5p</i>		TGTGCCAGTGAAACCAGGTCT	60
<i>ssc-miR356-5p</i>		TATGTTGGGTCTGGGGTGTGT	60
<i>ssc-miR573-5p</i>		TATCGTTGGGTCTGGGGTGT	60
<i>ssc-miR-10383</i>		GTAACCTGACGTCTTGGCAGT	60

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