

Table S1: Oligonucleotides used for QPCR

Target cDNA (Rat)		Sequence
<i>L32</i>	Fw	5'-GAAAACCAAGCACATGCTGC-3'
	Rev	5'-TTGTTGCACATCAGCAGCAC-3'
<i>Diras2</i>	Fw	5'-TCGATCTGGAGGCTCACGGT-3'
	Rev	5'-GCCAAGCTCAACCACAACGT-3'
<i>Ccnd1</i>	Fw	5'-TCCAGAAGGGCTTCAATCTG-3'
	Rev	5'-GCACAACGCACTTTCTTTCC-3'
<i>Nr4a2</i>	Fw	5'-CTACCTGTCCAAACTGTTGG-3'
	Rev	5'-GGTAAGGTGTCCAGGAAAAG-3'
<i>Sik1</i>	Fw	5'-CGTCGGATACGTCTCTCACTC-3'
	Rev	5'-GCGTTTTTTCCTTAGCTGCTG-3'
<i>Midn</i>	Fw	5'-CCAGATCCGAATGTGCAA-3'
	Rev	5'-TGTGGCACGGTTCTCTGTC-3'
<i>Pde10a</i>	Fw	5'-CTAACAATGCGAGTTGCTCC-3'
	Rev	5'-TCACCTTTTCATCCGTCAA-3'
<i>Lrrc10b</i>	Fw	5'-CGAGCTTCCGGAGGAGAT-3'
	Rev	5'-TCCAGCTTGTTGAAGTCGAG-3'
<i>C2cd4a</i>	Fw	5'-CCTAGGTGGCCGAGGAAG-3'
	Rev	5'-CGTACCGTTTACGGCTTCTG-3'

<i>Syt7</i>	Fw	5'-ATTCGGCCCAGGTTCTCT-3'
	Rev	5'-CCCTTACCAGCGAGATGCT-3'
<i>Hmox1</i>	Fw	5'-AGGCTTTAAGCTGGTGATGG-3'
	Rev	5'-ATACCAGAAGGCCATGTCCT-3'

Table S2: Target sequences for shRNA:

Rat PDX1	shRNA1: GGCCTGGAAGAGCCCAGCCG shRNA2: GGCGAAGAGCCGGAGCAGGA
Rat NeuroD1	shRNA1: GGCTGAATGCGGCGCTGGACA shRNA2: GGCTCTGTCAGAGATCCTGCG

Table S3: Guide sequences for CRISPR/CAS9 mediated deletion of intronic

*SYT7* enhancer

<b>SYT7-Lrrc10B enhancer KO line</b>		<b>Guide sequence</b>
<i>Syt7eΔ1</i>	Guide1	ACCATTACCTTCTCGGCTT
	Guide2	ACAGGGTTACTCTTTGGCGT
<i>Syt7eΔ2</i>	Guide1	ATCCTCGTCCAGCAGTGCAA
	Guide2	GCACGCCAGACTCGGGGCGT
<i>Syt7eΔ</i> screening oligos	Fw	CATTCTACTAGGACAGGGCC

	Rev	CAACCCTAATGAGGCTGCAT
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