

# Supplementary Table 1

Target Gene	Catalog Number*	Oligonucleotides	Sequences (5'-3')
mouse Duox1	N/A	Primer 1	GGGATTCCCAGTCATAAECTCAAGT
		Primer 2	GCTCTCGACTCCAGTAGCTGTTG
		Probe	None
mouse Duox2	N/A	Primer 1	GGTCTTGACAAACGGTTCAC
		Primer 2	GGTGCAGCTCCACTGTTG
		Probe	None
mouse Nox1	N/A	Primer 1	CAAATGTGGGACAATGAGTTTTTC
		Primer 2	AACCCCCACCCGAGACTT
		Probe	None
mouse Nox2	N/A	Primer 1	CCCAACTGGGATAACGAGTTCA
		Primer 2	AGGGCCACACAGGAAACG
		Probe	None
mouse Nox3	N/A	Primer 1	TCTCCGGCTGCACAATGTC
		Primer 2	CTGCCTGCCATTACAGATAG
		Probe	None
mouse Nox4	N/A	Primer 1	GCCTTTATTGTGCGGAGAGACT
		Primer 2	TGAGATGATGGTGACAGGTTTGT
		Probe	None
mouse OGDHL	N/A	Primer 1	CAGGCCCGTACACTGTGT
		Primer 2	AGCCCACTCAAAGCCTAGAAC
		Probe	None
mouse TFAM	Qiagen-QT00154413	Mm_Tfam_1_SG QuantiTect Primer Assay	N/A
mouse COI	N/A	Primer 1	GCCCCAGATATAGCATTCCC
		Primer 2	GTTTCATCCTGTTCCTGCTCC
		Probe	None
mouse 18S	N/A	Primer 1	TAGAGGGACAAGTGGCGTTC
		Primer 2	CGCTGAGCCAGTCAGTGT
		Probe	None
mouse 18S	N/A	Primer 1	CGCGGTTCTATTTTGTGGT
		Primer 2	AGTCGGCATCGTTTATGGTC
		Probe	None
mouse Act-b	Mm.PT.58.33540333	PrimeTime Primer 1	ATGCCGGAGCCGTTGTC
		PrimeTime Primer 2	GCGAGCACAGCTTCTTTG
		PrimeTime Probe	/56-FAM/CCGCCACCA/ZEN/GTTCCGCATG/3IABkFQ/
mouse PPIA	Mm.PT.39a.2.gs	PrimeTime Primer 1	TTCACCTTCCCAAGACCAC
		PrimeTime Primer 2	CAAACACAAACGGTTCACAG
		PrimeTime Probe	/56-FAM/TGCTTGCCA/ZEN/TCCAGCCATTGAG/3IABkFQ/
mouse GAPDH	Mm.PT.39a.1	PrimeTime Primer 1	GTGGAGTCATACTGGAACATGTAG
		PrimeTime Primer 2	AATGGTGAAGTCCGGTGTG
		PrimeTime Probe	/56-FAM/TGCAAAATGG/ZEN/CAGCCCTGGT/3IABkFQ/
mouse GPX1	Mm.PT.58.43296335.gs	PrimeTime Primer 1	AGGTCGGACGTAAGTGAAG
		PrimeTime Primer 2	GACTACACCGAGATGAACGAT
		PrimeTime Probe	/56-FAM/CCGACACCA /ZEN/GGAGAATGGCAAGAAT/3IABkFQ/
mouse GSR	Mm.PT.58.13488384	PrimeTime Primer 1	AGCATCTCATCACAGCCAATC
		PrimeTime Primer 2	TCTACTCGACTGCCTTTACCC
		PrimeTime Probe	/56-FAM/TGCCAACCA/ZEN/CC11TTCCTTTGTTG/3IABkFQ/
mouse SOD1	Mm.PT.58.12368303	PrimeTime Primer 1	GTCCTTCCAGCAGTCACAT
		PrimeTime Primer 2	GGTTCCACGTCATCAGTATG
		PrimeTime Probe	/56-FAM/TCCAACATG/ZEN/CCTCTTTCATCCGC/3IABkFQ/
mouse SOD2	Mm.PT.58.14276358	PrimeTime Primer 1	TGCTCCACACGTCACATC
		PrimeTime Primer 2	CAAGGTGCGTTACAGATTGCT
		PrimeTime Probe	/56-FAM/ACAACAGGC/ZEN/CTTATTCCCGTCT/3IABkFQ/
mouse CAT	Mm.PT.58.12825133	PrimeTime Primer 1	ATCTCCTGAGCAAGCCTTC
		PrimeTime Primer 2	CAAGTTGGTTAATGCAGATGGAG
		PrimeTime Probe	/56-FAM/ATGCCCTGG/ZEN/TCGGTCTGTAATGG/3IABkFQ/
mouse GLUT1	Mm.PT.58.7590689	PrimeTime Primer 1	GTGGTGAGTGTGGTGGATG
		PrimeTime Primer 2	AGTTTCGGCTATAACACTGGTG
		PrimeTime Probe	/56-FAM/CGTAGCGGT/ZEN/GGTTCCATGTTTGATTG/3IABkFQ/
mouse GLUT3	Mm.PT.58.30464830	PrimeTime Primer 1	CGTCCTTGAAGATTCCTGTGA
		PrimeTime Primer 2	GTCACCAACTACGTCACAG
		PrimeTime Probe	/56-FAM/TCTCCATTG/ZEN/TCCTCCAGCTGTCTCA/3IABkFQ/
mouse Act-b	Mm.PT.58.29001744.g	PrimeTime Primer 1	TCCTTCTGACCCATTCCCA
		PrimeTime Primer 2	TCCGGCATGTGCAAAGC
		PrimeTime Probe	N/A
mouse PPIA	Mm.PT.39a.2.gs	PrimeTime Primer 1	TTCACCTTCCCAAGACCAC
		PrimeTime Primer 2	CAAACACAAACGGTTCACAG
		PrimeTime Probe	N/A
mouse GAPDH	Mm.PT.39a.1	PrimeTime Primer 1	AATGGTGAAGTCCGGTGTG
		PrimeTime Primer 2	GTGGAGTCATACTGGAACATGTAG

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