DIVERSITY IN ANTIOXIDANT RESPONSE ENZYMES IN PROGRESSIVE STAGES OF HUMAN NON-ALCOHOLIC FATTY LIVER DISEASE

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Supplemental Data Table 1.

Human Oligonucleotide Probe Sets.

Gene	Function	Probe Sequence
NQO1	CE	cagatggccttctttataagccaTTTTTctcttggaaagaaagt
	CE	gcggcttccagcttcttttgTTTTTctcttggaaagaaagt
	CE	ccagcctttcagaatggcagTTTTTctcttggaaagaaagt
	CE	tggagtgtgcccaatgctatatTTTTTctcttggaaagaaagt
	LE	aagttcgcagggtccttcagtTTTTTaggcataggacccgtgtct
	LE	gaacagactcggcaggatactgaTTTTTaggcataggacccgtgtct
	LE	ttcagccacaatatctgggctTTTTTaggcataggacccgtgtct
	LE	ggactccaaaccactgcaggTTTTTaggcataggacccgtgtct
	LE	tctcctatgaacactcgctcaaaTTTTTaggcataggacccgtgtct
	LE	acattcatgtccccgtggatTTTTTaggcataggacccgtgtct
	LE	ttgaattcgggcgtctgcTTTTTaggcataggacccgtgtct
	LE	gtttcttccatccttccaggatTTTTTaggcataggacccgtgtct
	LE	tcatcccaaatattctccaggcTTTTTaggcataggacccgtgtct
	BL	gggaactggaatatcacaaggtct
	BL	ggcagcgtaagtgtaagcaaac
	BL	cggaagggtcctttgtcatacat
	BL	tggaaagcactgccttcttactc

	BL	ccactgccaccagtggtga
	BL	cccttgcagagagtacatggag
	BL	cactctgaattggccagagaatg
	BL	agccacagaaatgcagaatgc
	BL	gtcagttgaggttctaagacttgga
GCLC	CE	tctgcagcgagctccgtgTTTTTctcttggaaagaaagt
	CE	agttctccagatgctctcttcttaaTTTTTctcttggaaagaaagt
	CE	tttactttcctaaatgctgatccaTTTTTctcttggaaagaaagt
	CE	gcatttttctttctgtagaatgtctagttTTTTTctcttggaaagaaagt
	LE	caaccatccaccactgcattgTTTTTaggcataggacccgtgtct
	LE	ctgttctgggccttgccaTTTTTaggcataggacccgtgtct
	LE	tctatgctcatgagggtgtactccTTTTTaggcataggacccgtgtct
	LE	tccttcccattgatgatggtgTTTTTaggcataggacccgtgtct
	LE	tggtgtccacatccacttccatTTTTTaggcataggacccgtgtct
	LE	ttagctttaggtagttcagaatactacatcTTTTTaggcataggacccgtgtct
	LE	catccatctggcaactgtcattTTTTTaggcataggacccgtgtct
	LE	gatggtttgcgataaactccctTTTTTaggcataggacccgtgtct
	LE	catttgcaatttggttacacttcaTTTTTaggcataggacccgtgtct
	LE	agtaactctgggcattcacataattTTTTTaggcataggacccgtgtct
	LE	ggatgagtcagttttacttccactatatTTTTTaggcataggacccgtgtct
	LE	ggtactgtagccagttcgtcaataatTTTTTaggcataggacccgtgtct
	LE	gggctggctgagaggcatTTTTTaggcataggacccgtgtct
	BL	ggatcagtccaggaaacacacct
	BL	gttttcaaggtaagagttcagaattg
	BL	tatgacactgtcttgcttgtagtcag

	BL	aaataaggctataattcatttcatcagt
GCLM	CE	aagagcttcttggaaacttgcttTTTTTctcttggaaagaaagt
	CE	aaatgtagccttttgatttgataattTTTTTctcttggaaagaaagt
	CE	caattttctctcatattgaaggaaattaTTTTTctcttggaaagaaagt
	LE	gaatgtcaggaatgctttcctgTTTTTaggcataggacccgtgtct
	LE	gcacccactcgtgcgcttTTTTTaggcataggacccgtgtct
	LE	accgcagtagccacagcgTTTTTaggcataggacccgtgtct
	LE	cctctacttttcacaatgaccgaatTTTTTaggcataggacccgtgtct
	LE	caggcagtaactagatttttacacatctTTTTTaggcataggacccgtgtct
	LE	atctgcctcaatgacaccatttaTTTTTaggcataggacccgtgtct
	BL	aagaacccctttcttttagcttgta
	BL	caggtaagttatgctcctaagtcagtt

Supplemental Data Table 2.

Human qPCR Primers.

Gene	Accession Number	Primers	Probe
GST A1	NM 000463.2	Forward: tatctccagcttccctctgc	64
		Reverse: gcttcttctaaagatttctcatcca	
GST A2	NM 000846.3	Forward: tttccagcttccctctgct	64
		Reverse: tgattcttctaaagatttctcatcca	
GST A4	NM 001512.3	Forward: agttgtacaagttgcaggatgg	62

		Reverse: caatttcaaccatgggcact	
GST M1	NM 000561.2	Forward: gacttcatctcccgctttga	28
		Reverse: cccagacagccatcttga	
GST M2	NM 000848.2	Forward: ggacttcatctcccgatttg	28
		Reverse: tctttgtgaacacaggtcttgg	
GST M3	NM 000849.4	Forward: gtgggataaaggcccagact	31
		Reverse: gtcttagccttaacttggaaatgc	
GST M4	NM 000850.3	Forward: acttcatctcccgctttgag	28
		Reverse: cccttgtgtacagaggttttgg	
GST P1	NM 000852.2	Forward: tccctcatctacaccaactatgag	56
		Reverse: ggttcttgcctccctggtt	