

Table 1: Transcripts modified on addition of LLO

Probe names	Gene name	Fold change
1554036_at	Zinc finger and BTB domain containing 24	-3.22*
213747_at	Antizyme inhibitor 1	-2.92*
1569856_at	Tripeptidyl peptidase II	-2.56
209774_x_at	Chemokine (C-X-C motif) ligand 2	-2.49*
241617_x_at	Unknown	-2.42
228697_at	Histidine triad nucleotide binding protein 3	-2.26
204270_at	Unknown	-2.17
226014_at	Eukaryotic translation initiation factor 3, subunit 5 $\epsilon$ , 47kDa	-2.14
210335_at	Peptidylglycine $\alpha$ -amidating monooxygenase COOH-terminal interactor	-2.11
220272_at	Basonuclin 2	-2.04*
230102_at	Ets variant gene 5 (ets-related molecule)	-2.01
222614_at	Chromosome 21 open reading frame 6	-2.01
213481_at	S100 calcium binding protein A13	-2.00
204015_s_at	Dual specificity phosphatase 4	-1.98*
239942_at	Unknown	-1.94
221848_at	ADP-ribosylation factor related protein 1	-1.93
228673_s_at	Echinoderm microtubule associated protein like 4	-1.93
202912_at	Adrenomedullin	-1.91
229450_at	Interferon-induced protein with tetratricopeptide repeats 3	-1.88
238945_at	Unknown	-1.88
227404_s_at	Early growth response 1	-1.88
226034_at	Unknown	-1.86
1557921_s_at	Unknown	-1.83
209101_at	Connective tissue growth factor	-1.82

228251_at	UBX domain containing 1	-1.81
219174_at	Coiled-coil domain containing 2	-1.80
224443_at	Unknown	-1.79
201631_s_at	Immediate early response 3	-1.78
230910_s_at	Lymphocyte antigen 6 complex, locus K	-1.73
1557458_s_at	SHB (Src homology 2 domain containing) adaptor protein B	-1.73
221704_s_at	Vacuolar protein sorting 37 homolog B ( <i>S. cerevisiae</i> )	-1.73
210592_s_at	Spermidine/spermine N1-acetyltransferase	-1.73
1552701_a_at	Caspase-1 dominant-negative inhibitor pseudo-ICE	-1.73
1555989_at	Dishevelled associated activator of morphogenesis 1	-1.70
227452_at	Unknown	-1.69
205005_s_at	N-myristoyltransferase 2	-1.64
1553220_at	Amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 13	-1.63
219801_at	Zinc finger protein 34 (KOX 32)	-1.62
235654_at	Unknown	-1.57
1554376_s_at	Protein tyrosine phosphatase-like (proline instead of catalytic arginine), member a	-1.57
210233_at	Interleukin 1 receptor accessory protein	-1.56
57540_at	Ribokinase	-1.56
210538_s_at	Baculoviral IAP repeat-containing 3	-1.56
219832_s_at	Homeo box C13	-1.55
239257_at	Mov10l1, Moloney leukemia virus 10-like 1, homolog (mouse)	-1.53
231200_at	Family with sequence similarity 61, member B	-1.51
218623_at	HMP19 protein	-1.51
227652_at	Family with sequence similarity 69, member B	-1.51
1557809_a_at	Polymerase (DNA directed), $\alpha$	1.51
1563273_at	Unknown	1.51
229949_at	DKFZp434A0131 protein	1.51

236310_at	Zinc finger protein 37b (KOX 21)	1.52
1555823_at	Unknown	1.52
244200_at	Yippee-like 2 ( <i>Drosophila</i> )	1.52
240105_at	Chromosome 21 open reading frame 66	1.53
2-11934_x_at	Glucosidase, $\alpha$ neutral AB	1.54
243712_at	X (inactive)-specific transcript	1.54
1556035_s_at	Zinc finger protein 207	1.55
210337_s_at	ATP citrate lyase	1.56
215529_x_at	Chromosome 21 open reading frame 106	1.56
214070_s_at	ATPase, class V, type 10B	1.56
200606_at	Desmoplakin	1.57
201031_s_at	Heterogeneous nuclear ribonucleoprotein H1 (H)	1.57
226675_s_at	Metastasis associated lung adenocarcinoma transcript 1 (noncoding RNA)	1.57
239735_at	Unknown	1.58
238363_at	Catalase	1.59
237475_x_at	Selenoprotein P, plasma, 1	1.59
1561973_at	SWI/SNF related, actin-dependent regulator of chromatin, subfamily c, member 2	1.59
1562226_at	Unknown	1.59
220479_at	Unknown	1.60
205110_s_at	Fibroblast growth factor 13	1.60
207365_x_at	Ubiquitin specific protease 34	1.61
1565717_s_at	Fusion (involved in t(1216) in malignant liposarcoma)	1.62
227488_at	Unknown	1.62
227062_at	Trophoblast-derived noncoding RNA	1.62
230270_at	PRP38 pre-mRNA processing factor 38 (yeast) domain containing B	1.63
239564_at	Chromosome 21 open reading frame 45	1.64
234091_at	MORC family CW-type zinc finger 2	1.64

1554411_at	Catenin (cadherin-associated protein), $\beta$ 1, 88 kDa	1.64
232266_x_at	Cell division cycle 2-like 5 (cholinesterase-related cell division controller)	1.65
239999_at	Chromosome 21 open reading frame 34	1.66
238449_at	Unknown	1.66
235868_at	Meningioma expressed antigen 5 (hyaluronidase)	1.66
1559578_at	Coatmer protein complex, subunit $\zeta$ 2	1.67
229773_at	Synaptosomal-associated protein, 23 kDa	1.67
1556007_s_at	Casein kinase 1, alpha 1	1.68
217564_s_at	Carbamoyl-phosphate synthetase 1, mitochondrial	1.69
220796_x_at	Solute carrier family 35, member E1	1.69
1555970_at	F-box protein 28	1.70
208694_at	Protein kinase, DNA-activated, catalytic polypeptide	1.71
1559038_at	Septin 2	1.71
216225_at	Anthrax toxin receptor 1	1.74
225239_at	Unknown	1.75
214657_s_at	Trophoblast-derived noncoding RNA	1.75
237746_at	Splicing factor, arginine/serine-rich 11	1.76
234563_at	Phosphodiesterase 3A, cGMP-inhibited	1.76
1557944_s_at	Catenin (cadherin-associated protein), $\delta$ 1	1.77
200769_s_at	Methionine adenosyltransferase II, $\alpha$	1.78
243796_at	Hexamethylene bis-acetamide inducible 2	1.79
224565_at	Trophoblast-derived noncoding RNA	1.80
242191_at	Neuroblastoma breakpoint family	1.80
231106_at	Unknown	1.80
232889_at	Unknown	1.81
224875_at	Unknown	1.81
239022_at	Succinate dehydrogenase complex, subunit A, flavoprotein-like 1	1.81

242608_x_at	Zinc finger protein 410	1.82
211708_s_at	Stearoyl-CoA desaturase ( $\delta$ -9-desaturase)	1.82
207464_at	S-adenosylhomocysteine hydrolase-like 1	1.82
241413_at	Ring finger protein 111	1.83
240221_at	Casein kinase 1, $\alpha$ 1	1.83
220777_at	Kinesin family member 13A	1.83
207730_x_at	KIAA1881	1.84
228643_at	Unknown	1.85
236610_at	Phosphodiesterase 4D (phosphodiesterase E3 duncce homolog, <i>Drosophila</i> )	1.85
237215_s_at	Transferrin receptor (p90, CD71)	1.88
216636_at	Unknown	1.89
239243_at	Zinc finger protein 638	1.89
234989_at	Trophoblast-derived noncoding RNA	1.90
230256_at	Unknown	1.90
231879_at	Collagen, type XII, 1 $\alpha$	1.90
1552621_at	DNA directed RNA polymerase II polypeptide J-related gene	1.92
1560386_at	Exportin 1 (CRM1 homolog, yeast)	1.94
229574_at	Transformer-2 $\alpha$	1.95
234032_at	Zinc finger, CCHC domain containing 7	1.96
223940_x_at	Metastasis associated lung adenocarcinoma transcript 1 (noncoding RNA)	1.96
1555878_at	Ribosomal protein S24	1.98
238593_at	Unknown	1.98
203626_s_at	S-phase kinase-associated protein 2 (p45)	1.99**
216971_s_at	Plectin 1, intermediate filament binding protein 500 kDa	1.99
233073_at	Cysteine-rich motor neuron 1	2.03
210543_s_at	Protein kinase, DNA-activated, catalytic polypeptide	2.03**
242059_at	Ethanolamine kinase 1	2.04

242482_at	Protein kinase, cAMP-dependent, regulatory, type I, $\alpha$ (tissue specific extinguisher 1)	2.04
243319_at	Mediator of RNA polymerase II transcription, subunit 31 homolog (yeast)	2.06
224566_at	Trophoblast-derived noncoding RNA	2.07
224568_x_at	Metastasis associated lung adenocarcinoma transcript 1 (noncoding RNA)	2.07
221919_at	Heterogeneous nuclear ribonucleoprotein A1	2.11
220458_at	Unknown	2.12
1558695_at	Pleckstrin homology domain containing, family A member 5	2.12
220467_at	Unknown	2.17
1555996_s_at	Eukaryotic translation initiation factor 4A, isoform 2	2.17
1555858_at	Unknown	2.18
1554948_at	Chromosome 22 open reading frame 1	2.19
209006_s_at	Chromosome 1 open reading frame 63	2.20
242870_at	Family with sequence similarity 80, member B	2.20
242471_at	Similar to SLIT-ROBO Rho GTPase-activating protein 2 (Formin-binding protein 2)	2.22
213517_at	Poly(rC) binding protein 2	2.44
238320_at	Trophoblast-derived noncoding RNA	3.45

\* Indicates genes whose fold change in transcription as observed through microarray analysis was confirmed using quantitative RT-PCR.