

Table SI. Overview of the 21 target long non-coding RNAs.

A, Upregulated				
Sequence name	Gene symbol	P-value	FDR	Fold change
ENST00000416119	RP11-240D10.4	0.008109918	0.692834233	59.0010735
ENST00000563752	SLC25A3P1	0.005376879	0.692834233	164.3631415
ENST00000572491	RP11-506D12.5	0.009958382	0.692834233	47.0654375
ENST00000553045	RP1-197B17.3	0.002734236	0.682420355	45.5883298
ENST00000494340	RP11-260O18.1	0.03528798	0.692834233	885.5066309
ENST00000418741	LINC00419	0.023943149	0.692834233	201.1309165
ENST00000569543	CTC-297N7.1	0.026193082	0.692834233	111.8615604
ENST00000420096	Z83851.4	0.011814023	0.692834233	35.0298244
ENST00000444038	RP1-8B1.4	0.005948319	0.692834233	59.6405125
NR_038238	LOC151484	0.009854157	0.692834233	78.9519531
NR_039985	FLJ22447	0.015974968	0.692834233	82.8247851

B, Downregulated

Sequence name	Gene symbol	P-value	FDR	Fold change
ENST00000510137	CTD-2263F21.1	0.012314411	0.692834233	15.4355876
ENST00000570118	RP11-243A14.3	0.033197101	0.692834233	69.1838071
NR_024028	LINC00112	0.02576439	0.692834233	10.1324114
TCONS_00021993	XLOC_010596	0.009463727	0.692834233	16.0976964
uc021xin.1	BX648496	0.004535082	0.692834233	10.6498854
TCONS_00008217	XLOC_003679	0.016412496	0.692834233	15.8558284
ENST00000420941	RP11-223P11.2	0.037282424	0.692834233	10.4429268
NR_026661	FAM222A-AS1	0.033409359	0.692834233	14.8852062
NR_040002	LOC255654	0.043275304	0.692834233	17.1062355
NR_027148	NR_027148	0.048422339	0.692834233	14.7681618

FDR, false discovery rate.

Table SII. List of primers used for real-time quantitative PCR.

Gene name	Bidirectional quantitative PCR primer	Annealing temperature (°C)	Product length (bp)
GAPDH (HUMAN)	F: 5'-GGGAAACTGTGGCGTGAT-3' R: 5'-GAGTGGGTGTCGCTGTTGA-3'	60	299
β-actin (HUMAN)	F: 5'-GTGGCCGAGGACTTTGATTG-3' R: 5' CCTGTAACAACGCATCTCATATT-3'	60	73
ENST00000416119	F: 5'-ACCCCTCTTACAAGGTCCCTC-3' R: 5'-TGAATGGCCTCGAACTTTAGC-3'	60	132
ENST00000563752	F: 5'-GCCAATTTCTTTCAAATGCTGT-3' R: 5'-CAGAGGCTTGATGCTTTGCTT-3'	60	112
ENST00000572491	F: 5'-ACCCGTTTCAGCAGCTTCCAT-3' R: 5'-TTCACCTTTCCCACAGCCTCC-3'	60	134
ENST00000553045	F: 5'-TGATGGTCCAAGGTGAACAAG-3' R: 5'-CAGGAGAACGAGGATGGTAGAA-3'	60	250
ENST00000494340	F: 5'-CCAAAGTCCAGCTACCACAATA-3' R: 5'-TCCCGTGACCATAGGAAGATA-3'	60	172
ENST00000418741	F: 5'-CTACATGGACATGGGAAGGAC-3' R: 5'-AGGAATTGGCAGAAATGAGAT-3'	60	152
ENST00000569543	F: 5'-ACGACATGGACGGACACTTTAGG-3' R: 5'-AGTTGGGCAGGGCTCACTCAC-3'	60	164
ENST00000492209	F: 5'-GCTTAATAGGGAAGGAAGGTGG-3' R: 5'-AGGATTGCTGCTGTAATGCTGT-3'	60	64
ENST00000420096	F: 5'-AGTGGTGGTGCTGGGATTTGTC-3' R: 5'-ATTCACGGCTCCTGCTGCTTT-3'	60	294
ENST00000444038	F: 5'-TACTGGATAAGCGAGCACCT-3' R: 5'-ATTTCTGATGCCTTCATTTGG-3'	60	125
NR_038238	F: 5'-TTTTGACCTTGGCAATGTTCC-3' R: 5'-TGACCCTTGGTGGCTGTTTAT-3'	60	97
NR_039985	F: 5'-CCTGATGAAATGCCTGGTCTAA-3' R: 5'-CTGTGGGATTGGGTGAAGAAC-3'	60	129
ENST00000510137	F: 5'-ATTAGCCAGGAGGAGGACAA-3' R: 5'-TGACTAGGTGGATCTTCCGGTG-3'	60	135
ENST00000570118	F: 5' CAAACAGAGCACCGATGGATT-3' R: 5'-CGTTCCTTGGCACTGGGATTAC-3'	60	123
NR_024028	F: 5'-AGGGTCTCGACGGTGAAGAAG-3' R: 5'-TCAGAACCAATGATGGGAACG-3'	60	145
TCONS_00021993	F: 5'-ATCACAGGATCGGATGACACG-3' R: 5'-GCTCAATGAAGGTAAGGGCAGTA-3'	60	177
uc021xin.1	F: 5'-ACGAAGTCTCCCGTTTCAAGT-3' R: 5'-CTGAAGTTTCTGCGTGTCTG-3'	60	140
TCONS_00008217	F: 5'-TTCACCTCCTCCATTTAACTTCT-3' R: 5'-TCGGAAGTCTTAGTTGGAGCA-3'	60	141
ENST00000420941	F: 5'-GGGGAAGAAAGTGCTTACTA-3' R: 5'-CTGTTACGCTGGATGATATTGA-3'	60	156
NR_026661	F: 5'-CTCTTACGCACAGTCGGATGGT-3' R: 5'-GCATCCCTCCTTCCCTCTTTT-3'	60	233
NR_040002	F: 5'-AGATTGACCTGGAGGTGAGCC-3' R: 5'-CCTGATGCCATATCATTTCCTAA-3'	60	68
NR_027148	F: 5'-CAACTGACCTGCCTTCTTCTG-3' R: 5'-TAACATTGTTTCTGCCCTCACG-3'	60	214
CCL19	F: 5'-GGCACCAATGATGCTGAAGAC-3' R: 5'-TCACAATGCTTGACTCGGACTC-3'	60	281

F, forward; R, reverse; CCL19, C-C motif chemokine ligand 19.