

Probe Set ID	FC (Huh Log FC (FC (abs) Regulati	Huh7-FL	Huh7-n	GeneSymbol	Description	IncipediaID	NonCodeID	Chr	start	stop	strand
TC0100000260.oe.1	2.05	1.04	2.05	up	4.39	3.35	Inc-CELA2B- LNCipedia	lc Inc-CELA2B- ---	chr1	15538858	15541629 +
TC0100000281.oe.1	2.07	1.05	2.07	up	6.58	5.53	Inc-C1orf14- LNCipedia	lc Inc-C1orf14- NONHSAT0(	chr1	16440736	16441619 +
TC0100000284.oe.1	3.15	1.66	3.15	up	5.93	4.27	RP4-798A1C LNCipedia	lc Inc-AL35514 NONHSAT0(	chr1	16514643	16515754 +
TC0100000412.oe.1	2.01	1.00	2.01	up	6.99	5.98	Inc-C1orf13(NONCODE	cl Inc-C1orf13(NONHSAT0(	chr1	24666555	24669264 +
TC0100000413.oe.1	2.14	1.10	2.14	up	9.27	8.17	Inc-C1orf13(LNCipedia	lc Inc-C1orf13(NONHSAT0(	chr1	24669583	24671469 +
TC0100000619.oe.1	-2.32	-1.22	2.32	down	4.42	5.64	Inc-EIF2C3- LNCipedia	lc Inc-EIF2C3- ---	chr1	36060096	36060737 +
TC0100000673.oe.1	2.10	1.07	2.10	up	4.24	3.18	NONHSAG0 LNCipedia	lc Inc-NDUF55 NONHSAT0(	chr1	39206512	39206957 +
TC0100000709.oe.1	-2.55	-1.35	2.55	down	10.46	11.81	OTTHUMG0 LNCipedia	lc Inc-ZNF643- NONHSAT0(	chr1	40464319	40466767 +
TC0100000713.oe.1	2.05	1.03	2.05	up	8.03	6.99	Inc-DEM1-3 NONCODE	cl Inc-DEM1-3 NONHSAT0(	chr1	40531722	40547785 +
TC0100000714.oe.1	2.62	1.39	2.62	up	7.92	6.53	Inc-DEM1-2 LNCipedia	lc Inc-DEM1-2 ---	chr1	40542029	40542308 +
TC0100000757.oe.1	3.20	1.68	3.20	up	8.84	7.16	Inc-MPL-1 NONCODE	cl Inc-MPL-1-1 NONHSAT0(	chr1	43361058	43363066 +
TC0100000762.oe.1	-2.01	-1.01	2.01	down	4.34	5.35	Inc-PTPRF-1 LNCipedia	lc Inc-PTPRF-1 NONHSAT0(	chr1	43525187	43553539 +
TC0100001031.oe.1	-2.13	-1.09	2.13	down	4.45	5.54	Inc-FOXD3- LNCipedia	lc Inc-FOXD3- NONHSAT0(	chr1	63324699	63325126 +
TC0100001034.oe.1	2.05	1.04	2.05	up	8.11	7.07	Inc-EFCAB7- LNCipedia	lc Inc-EFCAB7- NONHSAT0(	chr1	63523372	63532696 +
TC0100001171.oe.1	2.34	1.23	2.34	up	5.50	4.27	Inc-LPHN2- LNCipedia	lc Inc-LPHN2- NONHSAT0(	chr1	81992876	81996530 +
TC0100001257.oe.1	2.59	1.37	2.59	up	10.98	9.61	Inc-MTF2-3 LNCipedia	lc Inc-MTF2-3: NONHSAT0(	chr1	93205556	93246901 +
TC0100001258.oe.1	2.16	1.11	2.16	up	8.75	7.64	Inc-DR1-4 LNCipedia	lc Inc-DR1-4:1 NONHSAT0(	chr1	93254511	93264949 +
TC0100001301.oe.1	2.40	1.27	2.40	up	10.42	9.16	Inc-RWDD3- NONCODE	cl Inc-RWDD3- NONHSAT0(	chr1	96785194	96813447 +
TC0100001326.oe.1	2.32	1.21	2.32	up	4.30	3.09	Inc-SLC35A5 NONCODE	cl Inc-SLC35A5: NONHSAT0(	chr1	99966041	99966379 +
TC0100001344.oe.1	2.22	1.15	2.22	up	5.83	4.68	RP4-549L20 LNCipedia	lc Inc-SLC30A7 ---	chr1	1.01E+08	100895356 +
TC0100001372.oe.1	2.54	1.35	2.54	up	6.71	5.37	Inc-AMY2B- LNCipedia	lc Inc-AMY2B- NONHSAT0(	chr1	1.04E+08	103551263 +
TC0100001419.oe.1	2.14	1.10	2.14	up	4.48	3.38	Inc-SYPL2-1 LNCipedia	lc Inc-SYPL2-1 NONHSAT0(	chr1	1.09E+08	109425540 +
TC0100001503.oe.1	-2.06	-1.04	2.06	down	4.31	5.36	Inc-LRIG2-1 gene_id XLC	Inc-LRIG2-1 NONHSAT0(	chr1	1.13E+08	113132124 +
TC0100001550.oe.1	-2.70	-1.44	2.70	down	9.14	10.58	Inc-FAM46C LNCipedia	lc Inc-FAM46C NONHSAT0(	chr1	1.18E+08	117528869 +
TC0100001609.oe.1	2.18	1.12	2.18	up	11.45	10.33	RNVU1-14 RNA, variant	--- ---	chr1	1.45E+08	145281462 +
TC0100001683.oe.1	2.15	1.11	2.15	up	8.95	7.84	Inc-RPRD2- LNCipedia	cl Inc-RPRD2- NONHSAT0(	chr1	1.5E+08	150344375 +
TC0100001711.oe.1	2.07	1.05	2.07	up	5.41	4.37	Inc-TNFAIP8 LNCipedia	lc Inc-TNFAIP8 NONHSAT0(	chr1	1.51E+08	151166950 +
TC0100001743.oe.1	-2.08	-1.06	2.08	down	3.10	4.16	NONHSAG0 LNCipedia	lc Inc-OAZ3-4 NONHSAT0(	chr1	1.52E+08	152125065 +
TC0100001776.oe.1	2.07	1.05	2.07	up	6.78	5.73	RP11-422P2 LNCipedia	lc Inc-CREB3L4 ---	chr1	1.54E+08	153966930 +
TC0100001799.oe.1	2.64	1.40	2.64	up	8.56	7.16	Inc-CKS1B-1 NONCODE	cl Inc-CKS1B-1 NONHSAT0(	chr1	1.55E+08	154979248 +
TC0100001874.oe.1	-2.12	-1.08	2.12	down	3.53	4.62	Inc-APCS-3 LNCipedia	lc Inc-APCS-3: NONHSAT0(	chr1	1.6E+08	159621990 +
TC0100001928.oe.1	-2.93	-1.55	2.93	down	6.90	8.45	Inc-NOS1AF LNCipedia	lc Inc-NOS1AF NONHSAT0(	chr1	1.62E+08	161960124 +
TC0100001951.oe.1	2.05	1.03	2.05	up	9.61	8.58	Inc-RGS4-4 NONCODE	cl Inc-RGS4-4: NONHSAT0(	chr1	1.63E+08	163343815 +
TC0100001963.oe.1	2.38	1.25	2.38	up	4.89	3.64	NONHSAG0 LNCipedia	lc Inc-LRRC52- NONHSAT0(	chr1	1.65E+08	164829952 +
TC0100002137.oe.1	-2.59	-1.37	2.59	down	3.07	4.44	Inc-LHX4-3 LNCipedia	lc Inc-LHX4-3: ---	chr1	1.8E+08	180384451 +
TC0100002344.oe.1	2.20	1.14	2.20	up	11.20	10.06	Inc-RNPEP- LNCipedia	cl Inc-RNPEP- NONHSAT0(	chr1	2.02E+08	201970351 +
TC0100002396.oe.1	-2.49	-1.31	2.49	down	4.98	6.29	Inc-MDM4- LNCipedia	lc Inc-MDM4- NONHSAT0(	chr1	2.04E+08	204404742 +
TC0100002534.oe.1	3.24	1.70	3.24	up	10.62	8.93	Inc-TATDN3 LNCipedia	lc Inc-TATDN3 NONHSAT0(	chr1	2.13E+08	212885565 +
TC0100002545.oe.1	2.81	1.49	2.81	up	5.57	4.08	Inc-CENPF- LNCipedia	cl Inc-CENPF- NONHSAT0(	chr1	2.15E+08	214615190 +
TC0100002674.oe.1	2.19	1.13	2.19	up	3.89	2.76	OTTHUMG0 LNCipedia	lc Inc-ADCK3- NONHSAT0(	chr1	2.27E+08	227183444 +
TC0100002686.oe.1	2.63	1.39	2.63	up	5.67	4.28	Inc-ARF1-1 NONCODE	cl Inc-ARF1-1: NONHSAT0(	chr1	2.28E+08	228104946 +
TC0100002863.oe.1	2.12	1.08	2.12	up	5.70	4.62	Inc-FAM36A LNCipedia	lc Inc-FAM36A ---	chr1	2.45E+08	244865272 +
TC0100002878.oe.1	-2.57	-1.36	2.57	down	7.89	9.25	Inc-SCCPDH LNCipedia	lc Inc-SCCPDH NONHSAT0(	chr1	2.47E+08	246668356 +
TC0100003415.oe.1	-2.53	-1.34	2.53	down	14.46	15.80	Inc-PTP4A2- NONCODE	cl Inc-PTP4A2- NONHSAT0(	chr1	31906421	31908111 -
TC0100003509.oe.1	2.08	1.06	2.08	up	9.36	8.30	Inc-SNIP1-1 LNCipedia	lc Inc-SNIP1-1 NONHSAT0(	chr1	37576170	37582809 -
TC0100003545.oe.1	2.28	1.19	2.28	up	4.56	3.37	Inc-PPT1-2 LNCipedia	lc Inc-PPT1-2: ---	chr1	40029014	40030573 -
TC0100003723.oe.1	-2.22	-1.15	2.22	down	3.08	4.23	Inc-RAB3B- LNCipedia	lc Inc-RAB3B- NONHSAT0(	chr1	51856526	51860389 -
TC0100003755.oe.1	2.96	1.56	2.96	up	14.36	12.79	Inc-YIPF1-1 NONCODE	cl Inc-YIPF1-1: NONHSAT0(	chr1	53818970	53838463 -

TC0100003797.oe.1	-2.90	-1.54	2.90	down	3.78	5.31	Inc-C8B-1 NONCODE c Inc-C8B-1:2 NONHSAT0 chr1	56956855	56966140 -
TC0100003810.oe.1	2.90	1.53	2.90	up	5.22	3.68	Inc-TACSTD LNCipedia lc Inc-TACSTD NONHSAT0 chr1	58654740	58669291 -
TC0100003945.oe.1	4.28	2.10	4.28	up	10.90	8.80	Inc-FUBP1-2 NONCODE c Inc-FUBP1-2 NONHSAT0 chr1	77944055	77960785 -
TC0100003984.oe.1	-2.71	-1.44	2.71	down	12.28	13.72	Inc-CTBS-1 NONCODE c Inc-CTBS-1: NONHSAT0 chr1	84553121	84574480 -
TC0100003997.oe.1	-3.48	-1.80	3.48	down	5.11	6.91	Inc-C1orf52 LNCipedia lc Inc-C1orf52 NONHSAT0 chr1	85174312	85176880 -
TC0100004080.oe.1	2.04	1.03	2.04	up	10.40	9.37	Inc-GCLM-4 LNCipedia lc Inc-GCLM-4 NONHSAT0 chr1	93869780	93870997 -
TC0100004092.oe.1	19.84	4.31	19.84	up	10.20	5.89	Inc-ARHGAF NONCODE c Inc-ARHGAF NONHSAT0 chr1	94148988	94154829 -
TC0100004122.oe.1	-3.01	-1.59	3.01	down	5.06	6.65	Inc-LPPR5.1 LNCipedia lc Inc-LPPR5.1 NONHSAT0 chr1	97691207	97721654 -
TC0100004124.oe.1	-2.36	-1.24	2.36	down	5.41	6.64	Inc-LPPR5.1 LNCipedia lc Inc-LPPR5.1 NONHSAT0 chr1	97855030	97920997 -
TC0100004205.oe.1	2.22	1.15	2.22	up	7.01	5.86	Inc-GSTM3 LNCipedia lc Inc-GSTM3 NONHSAT0 chr1	1.1E+08	109751940 -
TC0100004243.oe.1	2.26	1.18	2.26	up	3.84	2.66	Inc-FAM212 LNCipedia lc Inc-FAM212 NONHSAT0 chr1	1.12E+08	111772569 -
TC0100004270.oe.1	-2.39	-1.26	2.39	down	6.28	7.54	Inc-RSN1- LNCipedia lc Inc-RSN1-: NONHSAT0 chr1	1.14E+08	113764810 -
TC0100004282.oe.1	2.17	1.12	2.17	up	4.32	3.20	Inc-BCAS2- LNCipedia lc Inc-BCAS2-: --- chr1	1.15E+08	114558681 -
TC0100004366.oe.1	2.08	1.06	2.08	up	13.69	12.64	Inc-PPIAL4G LNCipedia lc Inc-PPIAL4G NONHSAT0 chr1	1.44E+08	143971749 -
TC0100004378.oe.1	-2.29	-1.19	2.29	down	8.70	9.89	Inc-PDZK1- LNCipedia lc Inc-PDZK1-: NONHSAT0 chr1	1.46E+08	145672848 -
TC0100004444.oe.1	-2.03	-1.02	2.03	down	9.53	10.55	Inc-C1orf13 LNCipedia lc Inc-C1orf13: NONHSAT0 chr1	1.51E+08	150575125 -
TC0100004449.oe.1	2.86	1.51	2.86	up	5.81	4.30	Inc-HORMA LNCipedia lc Inc-HORMA NONHSAT0 chr1	1.51E+08	150720888 -
TC0100004580.oe.1	2.40	1.26	2.40	up	7.63	6.36	Inc-RIT1-1 NONCODE c Inc-RIT1-1:1 NONHSAT0 chr1	1.56E+08	155917574 -
TC0100004592.oe.1	2.23	1.15	2.23	up	11.64	10.49	Inc-C1orf85 LNCipedia lc Inc-C1orf85 NONHSAT0 chr1	1.56E+08	156338206 -
TC0100004676.oe.1	-2.64	-1.40	2.64	down	13.30	14.69	Inc-APOA2- NONCODE c Inc-APOA2- NONHSAT0 chr1	1.61E+08	161223631 -
TC0100004822.oe.1	-2.20	-1.14	2.20	down	3.75	4.88	Inc-RFWD2 LNCipedia lc Inc-RFWD2- NONHSAT0 chr1	1.76E+08	175922179 -
TC0100004826.oe.1	-2.08	-1.06	2.08	down	7.73	8.79	Inc-ASTN1-: NONCODE c Inc-ASTN1-: NONHSAT0 chr1	1.77E+08	176616789 -
TC0100004859.oe.1	2.00	1.00	2.00	up	4.02	3.02	OTTHUMG0 NONCODE c Inc-TOR1AIF NONHSAT0 chr1	1.8E+08	179836124 -
TC0100004916.oe.1	2.06	1.05	2.06	up	7.20	6.16	Inc-FAM129 LNCipedia lc Inc-FAM129 NONHSAT0 chr1	1.85E+08	185120869 -
TC0100004961.oe.1	-2.12	-1.08	2.12	down	4.10	5.18	Inc-GLRX2-1 LNCipedia lc Inc-GLRX2-1 --- chr1	1.93E+08	193091556 -
TC0100004976.oe.1	3.03	1.60	3.03	up	9.76	8.16	Inc-ZBTB41 LNCipedia lc Inc-ZBTB41- NONHSAT0 chr1	1.97E+08	197146535 -
TC0100005156.oe.1	2.37	1.25	2.37	up	10.68	9.43	Inc-LPGAT1 LNCipedia lc Inc-LPGAT1- NONHSAT0 chr1	2.12E+08	211674363 -
TC0100005450.oe.1	-2.84	-1.50	2.84	down	6.21	7.72	Inc-GNG4-1 LNCipedia lc Inc-GNG4-1 NONHSAT0 chr1	2.36E+08	235549698 -
TC01000521.hg.4	2.81	1.49	2.81	up	5.35	3.86	SLFN1-AS1 SLFN1 antis --- chr1	41014590	41043890 +
TC01000721.hg.4	2.27	1.18	2.27	up	5.44	4.26	DLEU2L deleted in ly --- chr1	63548964	63550636 +
TC01002278.hg.4	-2.46	-1.30	2.46	down	3.84	5.14	MST1//MST1 macrophage --- chr1	16754906	16764480 -
TC01002632.hg.4	2.23	1.16	2.23	up	5.76	4.60	FOXD2-AS1 FOXD2 antis --- chr1	47432133	47434641 -
TC01003327.hg.4	2.22	1.15	2.22	up	4.70	3.55	SCARNA4 small Cajal b --- chr1	1.56E+08	155926086 -
TC01003969.hg.4	-2.34	-1.23	2.34	down	3.56	4.79	SNRPD2P2 small nuclea --- chr1	2.31E+08	231476525 -
TC01006390.hg.4	2.63	1.39	2.63	up	9.64	8.25	HNRNPU-A non-protein --- chr1	2.45E+08	244846941 -
TC01006415.hg.4	2.78	1.47	2.78	up	5.05	3.58	RP11-267N1 regulator of --- chr1	1.63E+08	163321894 -
TC0200000115.oe.1	2.04	1.03	2.04	up	5.70	4.67	Inc-RRM2-1 LNCipedia lc Inc-RRM2-1 --- chr2	10120734	10121065 +
TC0200000226.oe.1	2.04	1.03	2.04	up	5.41	4.38	RP11-79O8 LNCipedia lc Inc-RHOB-1 --- chr2	19902025	19902569 +
TC0200000245.oe.1	2.63	1.39	2.63	up	6.06	4.67	AC010872.1 N/A --- chr2	21023496	21024170 +
TC0200000468.oe.1	2.19	1.13	2.19	up	6.18	5.04	Inc-MTA3-7 NONCODE c Inc-MTA3-7 NONHSAT0 chr2	42317474	42320341 +
TC0200000809.oe.1	-2.04	-1.03	2.04	down	3.41	4.44	Inc-ALMS1- LNCipedia lc Inc-ALMS1- NONHSAT0 chr2	73640949	73641628 +
TC0200000860.oe.1	-2.16	-1.11	2.16	down	6.35	7.46	NONHSAGO LNCipedia lc Inc-POLR4- (NONHSAT0 chr2	75669989	75670454 +
TC0200000971.oe.1	-2.23	-1.16	2.23	down	3.02	4.17	Inc-AC2332 LNCipedia lc Inc-AC2332 (NONHSAT0 chr2	89862722	89862986 +
TC0200001002.oe.1	2.67	1.42	2.67	up	7.96	6.54	Inc-AC0734 gene_id XLC Inc-AC0734: NONHSAT0 chr2	92085371	92106501 +
TC0200001004.oe.1	2.31	1.21	2.31	up	12.79	11.58	Inc-AC0734: NONCODE c Inc-AC0734: NONHSAT0 chr2	92117808	92128237 +
TC0200001005.oe.1	2.41	1.27	2.41	up	6.43	5.16	Inc-AC0734 LNCipedia lc Inc-AC0734: NONHSAT0 chr2	92130438	92136243 +
TC0200001085.oe.1	2.05	1.03	2.05	up	5.07	4.04	Inc-LIPT1-1 NONCODE c Inc-LIPT1-1: NONHSAT0 chr2	99141950	99147490 +
TC0200001130.oe.1	-2.01	-1.01	2.01	down	4.76	5.77	Inc-TMEM1 NONCODE c Inc-TMEM1 NONHSAT0 chr2	1.03E+08	102686768 +
TC0200001131.oe.1	-2.29	-1.20	2.29	down	2.84	4.04	Inc-TMEM1 LNCipedia lc Inc-TMEM1 NONHSAT0 chr2	1.03E+08	102702451 +

TC0200001322.oe.1	-2.04	-1.03	2.04	down	8.80	9.83	lnc-INSIG2--NONCODE (lnc-INSIG2--NONHSAT0 chr2	1.18E+08	118110997 +
TC0200001450.oe.1	-2.02	-1.01	2.02	down	3.53	4.54	lnc-PLEKHB2 LNCipedia lnc-PLEKHB2 --- chr2	1.31E+08	131362128 +
TC0200001598.oe.1	2.05	1.03	2.05	up	3.98	2.95	lnc-LYPD6-8 LNCipedia lnc-LYPD6-8 NONHSAT0 chr2	1.5E+08	149636840 +
TC0200001740.oe.1	-2.40	-1.26	2.40	down	5.51	6.77	lnc-PHOSPH LNCipedia lnc-PHOSPH NONHSAT0 chr2	1.7E+08	169641403 +
TC0200001776.oe.1	2.22	1.15	2.22	up	7.97	6.82	lnc-METAP1 NONCODE (lnc-METAP1 NONHSAT0 chr2	1.72E+08	171923475 +
TC0200001834.oe.1	2.04	1.03	2.04	up	5.53	4.50	lnc-HNRNP7 LNCipedia lnc-HNRNP7 NONHSAT0 chr2	1.77E+08	177198547 +
TC0200001865.oe.1	2.35	1.23	2.35	up	5.29	4.06	lnc-PLEKHA1 LNCipedia lnc-PLEKHA1 NONHSAT0 chr2	1.79E+08	178550681 +
TC0200002088.oe.1	-2.32	-1.22	2.32	down	3.78	5.00	lnc-NRP2-2 LNCipedia lnc-NRP2-2: NONHSAT0 chr2	2.06E+08	205618192 +
TC0200002150.oe.1	-2.58	-1.37	2.58	down	13.05	14.42	lnc-RPE-11 LNCipedia lnc-RPE-11: NONHSAT0 chr2	2.11E+08	210606771 +
TC0200002152.oe.1	-3.39	-1.76	3.39	down	15.93	17.70	lnc-RPE-13 NONCODE (lnc-RPE-13: NONHSAT0 chr2	2.11E+08	210663146 +
TC0200002307.oe.1	-2.39	-1.26	2.39	down	6.38	7.64	lnc-KCNE4- LNCipedia lnc-KCNE4- NONHSAT0 chr2	2.23E+08	222944636 +
TC0200002339.oe.1	8.94	3.16	8.94	up	11.81	8.65	lnc-WDR69- NONCODE (lnc-WDR69- NONHSAT0 chr2	2.28E+08	227817463 +
TC0200002479.oe.1	2.07	1.05	2.07	up	6.17	5.12	lnc-PRLH-1 LNCipedia lnc-PRLH-1: NONHSAT0 chr2	2.38E+08	237517509 +
TC0200002687.oe.1	-2.14	-1.10	2.14	down	3.16	4.26	lnc-MBOAT2 LNCipedia lnc-MBOAT2 NONHSAT0 chr2	8852690	8854246 -
TC0200002711.oe.1	2.11	1.08	2.11	up	12.54	11.46	lnc-NOL10- LNCipedia lnc-NOL10- NONHSAT0 chr2	10444095	10448309 -
TC0200002770.oe.1	-2.32	-1.21	2.32	down	3.11	4.32	lnc-RDH14- LNCipedia lnc-RDH14- NONHSAT0 chr2	18423534	18425304 -
TC0200003220.oe.1	2.41	1.27	2.41	up	4.37	3.11	lnc-USP34-8 LNCipedia lnc-USP34-8 --- chr2	60993208	60998496 -
TC0200003241.oe.1	2.56	1.35	2.56	up	10.83	9.48	lnc-FAM161 NONCODE (lnc-FAM161 NONHSAT0 chr2	61887948	61888458 -
TC0200003555.oe.1	2.32	1.22	2.32	up	6.14	4.92	lnc-KRCC1-2 NONCODE (lnc-KRCC1-2: NONHSAT0 chr2	88123029	88128059 -
TC0200003632.oe.1	2.27	1.18	2.27	up	7.96	6.77	lnc-GPAT2-1 LNCipedia lnc-GPAT2-1 --- chr2	95891657	95896022 -
TC0200003671.oe.1	2.40	1.26	2.40	up	5.00	3.74	lnc-ACTR1B NONCODE (lnc-ACTR1B NONHSAT0 chr2	97523949	97524976 -
TC0200003672.oe.1	3.91	1.97	3.91	up	7.07	5.10	lnc-ACTR1B NONCODE (lnc-ACTR1B NONHSAT0 chr2	97548007	97550242 -
TC0200003708.oe.1	2.02	1.01	2.02	up	5.39	4.37	lnc-TBC1D8 LNCipedia lnc-TBC1D8 NONHSAT0 chr2	1.01E+08	101294662 -
TC0200003727.oe.1	-2.21	-1.15	2.21	down	3.11	4.26	lnc-MFSD9- LNCipedia lnc-MFSD9- --- chr2	1.03E+08	103486916 -
TC0200003810.oe.1	2.20	1.13	2.20	up	8.81	7.68	lnc-RGPD6- LNCipedia lnc-RGPD6- NONHSAT0 chr2	1.11E+08	110650739 -
TC0200003811.oe.1	2.92	1.54	2.92	up	12.82	11.27	lnc-RGPD6- LNCipedia lnc-RGPD6- NONHSAT0 chr2	1.11E+08	110667565 -
TC0200003860.oe.1	-3.25	-1.70	3.25	down	7.46	9.16	lnc-AC0167- NONCODE (lnc-AC0167- NONHSAT0 chr2	1.14E+08	113710239 -
TC0200004166.oe.1	-2.00	-1.00	2.00	down	2.67	3.67	lnc-RPRM-6 LNCipedia lnc-RPRM-6 NONHSAT0 chr2	1.54E+08	153762646 -
TC0200004364.oe.1	-2.12	-1.08	2.12	down	8.58	9.66	lnc-CHN1-5 NONCODE (lnc-CHN1-5 NONHSAT0 chr2	1.75E+08	175074044 -
TC0200004365.oe.1	2.21	1.15	2.21	up	8.50	7.36	lnc-CHN1-6 LNCipedia lnc-CHN1-6 NONHSAT0 chr2	1.75E+08	175093254 -
TC0200004398.oe.1	2.40	1.26	2.40	up	10.43	9.17	lnc-TTC30B- LNCipedia lnc-TTC30B- NONHSAT0 chr2	1.77E+08	177229506 -
TC0200004462.oe.1	-3.58	-1.84	3.58	down	8.57	10.41	lnc-CALCRL LNCipedia lnc-CALCRL NONHSAT0 chr2	1.87E+08	187466042 -
TC0200004490.oe.1	2.16	1.11	2.16	up	4.69	3.58	lnc-STAT1-1 LNCipedia lnc-STAT1-1 --- chr2	1.91E+08	190935288 -
TC0200004662.oe.1	-2.26	-1.17	2.26	down	8.68	9.86	lnc-PECR-1 LNCipedia lnc-PECR-1: NONHSAT0 chr2	2.16E+08	216082955 -
TC0200004680.oe.1	-2.92	-1.55	2.92	down	4.98	6.52	lnc-DIRC3-4 NONCODE (lnc-DIRC3-4 NONHSAT0 chr2	2.18E+08	217810304 -
TC0200004681.oe.1	-2.24	-1.16	2.24	down	4.97	6.13	lnc-DIRC3-5 LNCipedia lnc-DIRC3-5 NONHSAT0 chr2	2.18E+08	217815368 -
TC0300000084.oe.1	2.70	1.43	2.70	up	4.86	3.43	RP11-1020A LNCipedia lnc-IL17RC-: NONHSAT0 chr3	9935706	9936258 +
TC0300000086.oe.1	2.98	1.57	2.98	up	8.46	6.89	lnc-CRELD1- NONCODE (lnc-CRELD1- NONHSAT0 chr3	9947404	9954787 +
TC0300000119.oe.1	2.25	1.17	2.25	up	5.15	3.98	lnc-TSEN2-3 LNCipedia lnc-TSEN2-3 --- chr3	12558775	12560797 +
TC0300000192.oe.1	-2.82	-1.50	2.82	down	5.99	7.48	lnc-RAB5A-: NONCODE (lnc-RAB5A-: NONHSAT0 chr3	20111594	20122795 +
TC0300000510.oe.1	-2.04	-1.03	2.04	down	3.03	4.05	lnc-RBM5-1 LNCipedia lnc-RBM5-1 --- chr3	50086735	50086989 +
TC0300000517.oe.1	-3.50	-1.81	3.50	down	6.65	8.46	lnc-GNAI2-2 LNCipedia lnc-GNAI2-2 NONHSAT0 chr3	50205246	50220979 +
TC0300000839.oe.1	-2.76	-1.46	2.76	down	4.81	6.27	lnc-GPR128- NONCODE (lnc-GPR128- NONHSAT0 chr3	1.01E+08	100577065 +
TC0300000840.oe.1	2.60	1.38	2.60	up	4.48	3.10	lnc-TMEM45 LNCipedia lnc-TMEM45 NONHSAT0 chr3	1.01E+08	100637575 +
TC0300000943.oe.1	-2.02	-1.01	2.02	down	3.34	4.35	lnc-BOC-2 LNCipedia lnc-BOC-2:1 NONHSAT0 chr3	1.13E+08	113361319 +
TC0300001167.oe.1	-2.63	-1.39	2.63	down	5.13	6.53	lnc-NEK11-1 LNCipedia lnc-NEK11-1 NONHSAT0 chr3	1.31E+08	131388824 +
TC0300001292.oe.1	4.67	2.22	4.67	up	10.68	8.46	lnc-AC1070- NONCODE (lnc-AC1070- NONHSAT0 chr3	1.45E+08	145380795 +
TC0300001547.oe.1	2.31	1.21	2.31	up	11.19	9.98	lnc-FNDC3B NONCODE (lnc-FNDC3B NONHSAT0 chr3	1.73E+08	172806107 +
TC0300001548.oe.1	2.73	1.45	2.73	up	9.33	7.88	lnc-FNDC3B LNCipedia lnc-FNDC3B NONHSAT0 chr3	1.73E+08	172820311 +

TC0300001586.oe.1	-2.55	-1.35	2.55	down	4.98	6.33	Inc-ZNF639- LNCipedia	lc Inc-ZNF639- NONHSAT0 chr3	1.79E+08	179237501 +
TC0300001614.oe.1	2.26	1.18	2.26	up	7.44	6.27	Inc-TTC14-5 NONCODE	cl Inc-TTC14-5 NONHSAT0 chr3	1.81E+08	180971816 +
TC0300001656.oe.1	2.03	1.02	2.03	up	13.80	12.78	Inc-ECE2-3 LNCipedia	lc Inc-ECE2-3:1 NONHSAT0 chr3	1.84E+08	184304011 +
TC0300001725.oe.1	-2.82	-1.50	2.82	down	7.30	8.80	Inc-LPP-2 NONCODE	cl Inc-LPP-2:1 NONHSAT0 chr3	1.89E+08	188890671 +
TC0300001791.oe.1	2.08	1.06	2.08	up	6.33	5.27	Inc-MUC20- LNCipedia	lc Inc-MUC20- --- chr3	1.96E+08	195610974 +
TC0300001889.oe.1	4.59	2.20	4.59	up	6.71	4.52	NONHSAG0 NONCODE	cl Inc-AC0188: NONHSAT0 chr3	5156905	5188298 -
TC0300002070.oe.1	-2.13	-1.09	2.13	down	4.12	5.21	Inc-AC1035 NONCODE	cl Inc-AC1035: NONHSAT0 chr3	25764129	25784156 -
TC0300002078.oe.1	2.11	1.08	2.11	up	6.89	5.81	Inc-NEK10-2 LNCipedia	lc Inc-NEK10-2 NONHSAT0 chr3	27397865	27401044 -
TC0300002080.oe.1	2.27	1.18	2.27	up	8.17	6.99	Inc-NEK10-4 LNCipedia	lc Inc-NEK10-4 NONHSAT0 chr3	27421672	27424502 -
TC0300002219.oe.1	2.01	1.00	2.01	up	5.01	4.00	Inc-ZNF445- LNCipedia	lc Inc-ZNF445- --- chr3	44396137	44399039 -
TC0300002376.oe.1	2.28	1.19	2.28	up	10.24	9.05	Inc-ABHD14 NONCODE	cl Inc-ABHD14 NONHSAT0 chr3	51994935	51995895 -
TC0300002559.oe.1	-2.45	-1.29	2.45	down	11.98	13.27	Inc-ZNF717- LNCipedia	lc Inc-ZNF717- NONHSAT0 chr3	78600113	78607289 -
TC0300002569.oe.1	-2.93	-1.55	2.93	down	10.41	11.95	Inc-ROBO1- LNCipedia	lc Inc-ROBO1- NONHSAT0 chr3	81654579	81670982 -
TC0300002663.oe.1	2.51	1.33	2.51	up	9.06	7.73	Inc-KIAA152 LNCipedia	lc Inc-KIAA152 NONHSAT0 chr3	1.09E+08	108589644 -
TC0300002763.oe.1	2.23	1.16	2.23	up	6.77	5.61	Inc-HCLS1-1 LNCipedia	lc Inc-HCLS1-1 NONHSAT0 chr3	1.22E+08	12153210 -
TC0300002790.oe.1	3.99	2.00	3.99	up	10.95	8.95	Inc-ITGB5-2 LNCipedia	lc Inc-ITGB5-2 NONHSAT0 chr3	1.25E+08	124927771 -
TC0300002892.oe.1	2.46	1.30	2.46	up	9.14	7.84	Inc-RAB6B-2 NONCODE	cl Inc-RAB6B-2 NONHSAT0 chr3	1.34E+08	133617526 -
TC0300002930.oe.1	2.52	1.33	2.52	up	4.61	3.28	RP11-461M2 LNCipedia	lc Inc-DZIP1L- --- chr3	1.38E+08	138005122 -
TC0300002981.oe.1	-2.03	-1.02	2.03	down	8.60	9.62	Inc-PAQR9- NONCODE	cl Inc-PAQR9- NONHSAT0 chr3	1.43E+08	142829855 -
TC0300002994.oe.1	-3.11	-1.64	3.11	down	12.29	13.93	Inc-PLSCR4- NONCODE	cl Inc-PLSCR4- NONHSAT0 chr3	1.46E+08	146071170 -
TC0300002995.oe.1	-2.61	-1.38	2.61	down	9.50	10.89	Inc-PLSCR4- LNCipedia	lc Inc-PLSCR4- NONHSAT0 chr3	1.46E+08	146073657 -
TC0300003172.oe.1	2.05	1.04	2.05	up	6.13	5.10	Inc-ZBBX-6 NONCODE	cl Inc-ZBBX-6: NONHSAT0 chr3	1.67E+08	167183380 -
TC0300003194.oe.1	-2.16	-1.11	2.16	down	8.61	9.72	Inc-LRRC31- NONCODE	cl Inc-LRRC31- NONHSAT0 chr3	1.7E+08	170088850 -
TC0300003203.oe.1	2.63	1.40	2.63	up	12.72	11.32	Inc-RPL22L1 LNCipedia	lc Inc-RPL22L1 NONHSAT0 chr3	1.71E+08	170908644 -
TC0300003206.oe.1	-2.33	-1.22	2.33	down	13.33	14.55	Inc-TNIK-3 LNCipedia	lc Inc-TNIK-3:1 NONHSAT0 chr3	1.71E+08	171007470 -
TC0300003226.oe.1	2.38	1.25	2.38	up	5.67	4.41	Inc-TNFSF10 LNCipedia	lc Inc-TNFSF10 NONHSAT0 chr3	1.73E+08	172696135 -
TC0300003263.oe.1	-2.64	-1.40	2.64	down	7.88	9.28	Inc-GNB4-1 LNCipedia	lc Inc-GNB4-1 NONHSAT0 chr3	1.79E+08	179398177 -
TC0300003380.oe.1	2.34	1.23	2.34	up	12.89	11.66	Inc-CLDN1- NONCODE	cl Inc-CLDN1- NONHSAT0 chr3	1.9E+08	189964121 -
TC0300003381.oe.1	2.30	1.20	2.30	up	8.20	6.99	Inc-CLDN1- LNCipedia	lc Inc-CLDN1- NONHSAT0 chr3	1.9E+08	189983484 -
TC0300003386.oe.1	2.34	1.23	2.34	up	3.83	2.60	Inc-GMNC-: gene_id XLC	Inc-GMNC-: NONHSAT0 chr3	1.91E+08	190793594 -
TC03000082.hg.4	2.03	1.02	2.03	up	4.76	3.73	TPRXL tetra-peptid	--- --- chr3	13937307	14082811 +
TC03000392.hg.4	-2.30	-1.20	2.30	down	2.96	4.17	C3orf49 chromosome	--- --- chr3	63819362	63848636 +
TC03000966.hg.4	-2.05	-1.03	2.05	down	2.64	3.68	SOX2-OT SOX2 overla	--- --- chr3	1.81E+08	181790946 +
TC0400000003.oe.1	-2.04	-1.03	2.04	down	4.08	5.10	CH17-262A2 N/A	--- --- chr4	149738	150317 +
TC0400000257.oe.1	3.32	1.73	3.32	up	9.08	7.34	Inc-SOD3-1 LNCipedia	lc Inc-SOD3-1 NONHSAT0 chr4	24328764	24333261 +
TC0400000397.oe.1	-2.48	-1.31	2.48	down	7.97	9.28	Inc-DCAF4L LNCipedia	lc Inc-DCAF4L: NONHSAT0 chr4	41959142	41960556 +
TC0400000442.oe.1	4.90	2.29	4.90	up	6.85	4.56	Inc-CWH43- NONCODE	cl Inc-CWH43- NONHSAT0 chr4	49579833	49580189 +
TC0400000489.oe.1	2.05	1.03	2.05	up	4.91	3.88	Inc-EXOC1- LNCipedia	lc Inc-EXOC1-: NONHSAT0 chr4	55962735	55963054 +
TC0400000539.oe.1	-2.27	-1.18	2.27	down	3.73	4.91	Inc-LPHN3- LNCipedia	lc Inc-LPHN3- NONHSAT0 chr4	64608905	64609424 +
TC0400000600.oe.1	2.18	1.12	2.18	up	4.74	3.62	Inc-AFM-2 NONCODE	cl Inc-AFM-2:1 NONHSAT0 chr4	73453490	73455777 +
TC0400000606.oe.1	3.31	1.73	3.31	up	11.24	9.51	Inc-CXCL6-2 LNCipedia	lc Inc-CXCL6-2 NONHSAT0 chr4	73740569	73741986 +
TC0400000607.oe.1	5.25	2.39	5.25	up	12.53	10.13	Inc-CXCL6-3 LNCipedia	lc Inc-CXCL6-3 NONHSAT0 chr4	73743139	73743351 +
TC0400000616.oe.1	-2.11	-1.07	2.11	down	9.94	11.02	Inc-EPGN-3 NONCODE	cl Inc-EPGN-3 NONHSAT0 chr4	74365173	74382013 +
TC0400000617.oe.1	-2.29	-1.19	2.29	down	11.36	12.55	Inc-AREG-1 NONCODE	cl Inc-AREG-1: NONHSAT0 chr4	74382423	74384952 +
TC0400000618.oe.1	-2.53	-1.34	2.53	down	10.51	11.85	Inc-EREG-1 NONCODE	cl Inc-EREG-1: NONHSAT0 chr4	74448639	74450532 +
TC0400000688.oe.1	-2.64	-1.40	2.64	down	8.82	10.22	Inc-COPS4- LNCipedia	lc Inc-COPS4- NONHSAT0 chr4	83088777	83089241 +
TC0400000737.oe.1	2.02	1.01	2.02	up	5.40	4.38	Inc-MMRN1 LNCipedia	lc Inc-MMRN1 NONHSAT0 chr4	90312960	90468622 +
TC0400000842.oe.1	-2.40	-1.27	2.40	down	3.86	5.13	Inc-CCDC10 LNCipedia	lc Inc-CCDC10 --- chr4	1.1E+08	109692703 +
TC0400001288.oe.1	-2.24	-1.16	2.24	down	6.13	7.29	Inc-PALLD-5 NONCODE	cl Inc-PALLD-5 NONHSAT0 chr4	1.7E+08	169723183 +

TC0400001679.oe.1	-2.15	-1.11	2.15	down	8.54	9.64	Inc-FGFBP2- LNCipedia	lc Inc-FGFBP2- NONHSAT0	chr4	15985511	15986037	-
TC0400001815.oe.1	-2.32	-1.21	2.32	down	8.41	9.62	Inc-APBB2- LNCipedia	lc Inc-APBB2- NONHSAT0	chr4	40432703	40466645	-
TC0400001834.oe.1	-2.67	-1.42	2.67	down	4.46	5.87	Inc-BEND4- LNCipedia	lc Inc-BEND4- NONHSAT0	chr4	42412975	42415147	-
TC0400001865.oe.1	-2.57	-1.36	2.57	down	2.67	4.03	Inc-OCIAD2 NONCODE	lc Inc-OCIAD2 NONHSAT0	chr4	48852008	48860203	-
TC0400001868.oe.1	2.03	1.02	2.03	up	4.66	3.63	Inc-OCIAD2 LNCipedia	lc Inc-OCIAD2 NONHSAT0	chr4	49212251	49212624	-
TC0400002012.oe.1	2.14	1.10	2.14	up	7.85	6.76	Inc-CXCL5-1 LNCipedia	lc Inc-CXCL5-1 NONHSAT0	chr4	73995642	73996738	-
TC0400002101.oe.1	-2.07	-1.05	2.07	down	2.51	3.56	Inc-PLAC8-1 LNCipedia	lc Inc-PLAC8-1 ---	chr4	83058642	83059578	-
TC0400002157.oe.1	-2.22	-1.15	2.22	down	5.25	6.40	Inc-NAP1L5 NONCODE	lc Inc-NAP1L5 NONHSAT0	chr4	88732122	88737639	-
TC0400002166.oe.1	2.02	1.01	2.02	up	8.99	7.98	Inc-RP11-7f LNCipedia	lc Inc-RP11-7f NONHSAT0	chr4	90838501	90839112	-
TC0400002203.oe.1	-2.00	-1.00	2.00	down	6.54	7.55	NONHSAG0 LNCipedia	lc Inc-ADH1A- NONHSAT0	chr4	99215795	99219246	-
TC0400002231.oe.1	2.30	1.20	2.30	up	9.35	8.15	Inc-UBE2D3 LNCipedia	lc Inc-UBE2D3 NONHSAT0	chr4	1.03E+08	102730171	-
TC0400002241.oe.1	2.26	1.18	2.26	up	9.50	8.32	Inc-BDH2-3 LNCipedia	lc Inc-BDH2-3 NONHSAT0	chr4	1.03E+08	103140407	-
TC0400002242.oe.1	2.09	1.07	2.09	up	8.46	7.40	Inc-BDH2-4 NONCODE	lc Inc-BDH2-4 NONHSAT0	chr4	1.03E+08	103145781	-
TC0400002243.oe.1	2.06	1.04	2.06	up	8.04	7.00	Inc-BDH2-5 LNCipedia	lc Inc-BDH2-5 NONHSAT0	chr4	1.03E+08	103181963	-
TC0400002290.oe.1	-2.79	-1.48	2.79	down	5.75	7.23	Inc-CASP6-1 LNCipedia	lc Inc-CASP6-1 NONHSAT0	chr4	1.1E+08	109712045	-
TC0400002313.oe.1	2.46	1.30	2.46	up	6.99	5.69	Inc-NEUROC NONCODE	lc Inc-NEUROC NONHSAT0	chr4	1.13E+08	112623977	-
TC0400002360.oe.1	2.14	1.10	2.14	up	8.52	7.42	Inc-PDE5A- LNCipedia	lc Inc-PDE5A- NONHSAT0	chr4	1.2E+08	120061036	-
TC0400002645.oe.1	-2.14	-1.10	2.14	down	3.24	4.34	Inc-TMEM1f LNCipedia	lc Inc-TMEM1f ---	chr4	1.65E+08	165071004	-
TC0400002706.oe.1	-2.12	-1.08	2.12	down	3.03	4.11	NONHSAG0 NONCODE	lc Inc-FBXO8-1 NONHSAT0	chr4	1.74E+08	174154637	-
TC0400002735.oe.1	2.19	1.13	2.19	up	9.09	7.96	Inc-AGA-4 gene_id XLC	Inc-AGA-4:1 NONHSAT0	chr4	1.79E+08	179170221	-
TC0400002844.oe.1	2.03	1.02	2.03	up	3.81	2.80	Inc-FRG2-1f LNCipedia	lc Inc-FRG2-1f ---	chr4	1.9E+08	189704490	-
TC040000297.hg.4	2.04	1.03	2.04	up	9.84	8.81	DANCR differentiat	--- ---	chr4	52712430	52720351	+
TC0500000029.oe.1	3.62	1.86	3.62	up	8.79	6.93	Inc-RP11-6f NONCODE	lc Inc-RP11-6f NONHSAT0	chr5	915928	917900	+
TC0500000159.oe.1	2.90	1.53	2.90	up	7.70	6.17	Inc-MARCHf LNCipedia	lc Inc-MARCHf NONHSAT1	chr5	10250319	10254584	+
TC0500000169.oe.1	-3.17	-1.66	3.17	down	6.85	8.52	Inc-MARCHf LNCipedia	lc Inc-MARCHf NONHSAT1	chr5	10435770	10437849	+
TC0500000322.oe.1	-2.22	-1.15	2.22	down	2.54	3.69	NONHSAG0 LNCipedia	lc Inc-NPR3-2 NONHSAT1	chr5	33008628	33025724	+
TC0500000387.oe.1	-2.58	-1.36	2.58	down	5.50	6.87	Inc-C5orf51 LNCipedia	lc Inc-C5orf51 NONHSAT1	chr5	41939298	41941570	+
TC0500000419.oe.1	-2.80	-1.48	2.80	down	9.62	11.10	Inc-AC1149 LNCipedia	lc Inc-AC1149 NONHSAT1	chr5	43644745	43645665	+
TC0500000426.oe.1	-2.75	-1.46	2.75	down	7.56	9.02	Inc-MRPS30 LNCipedia	lc Inc-MRPS30 NONHSAT1	chr5	44815219	44820428	+
TC0500000598.oe.1	2.55	1.35	2.55	up	13.33	11.98	Inc-CENPH- LNCipedia	lc Inc-CENPH- NONHSAT1	chr5	69174926	69175546	+
TC0500000599.oe.1	2.22	1.15	2.22	up	11.43	10.28	Inc-CENPH- LNCipedia	lc Inc-CENPH- NONHSAT1	chr5	69177061	69177697	+
TC0500000610.oe.1	-2.13	-1.09	2.13	down	5.72	6.82	Inc-GTF2H2f NONCODE	lc Inc-GTF2H2f NONHSAT1	chr5	69593473	69594723	+
TC0500000645.oe.1	2.03	1.02	2.03	up	9.05	8.03	Inc-FCHO2- LNCipedia	lc Inc-FCHO2- NONHSAT1	chr5	72900874	72908913	+
TC0500000679.oe.1	2.35	1.24	2.35	up	15.91	14.68	Inc-POLK-5 LNCipedia	lc Inc-POLK-5 NONHSAT1	chr5	75345599	75350821	+
TC0500000680.oe.1	2.47	1.31	2.47	up	13.24	11.94	Inc-POLK-4 NONCODE	lc Inc-POLK-4 NONHSAT1	chr5	75354308	75355166	+
TC0500000681.oe.1	2.44	1.29	2.44	up	13.21	11.93	Inc-POLK-3 LNCipedia	lc Inc-POLK-3 NONHSAT1	chr5	75355180	75356449	+
TC0500000856.oe.1	2.19	1.13	2.19	up	5.57	4.44	Inc-ANKRD3 LNCipedia	lc Inc-ANKRD3 NONHSAT1	chr5	93594017	93594611	+
TC0500000888.oe.1	-2.05	-1.04	2.05	down	3.15	4.19	Inc-CAST-1f LNCipedia	lc Inc-CAST-1f NONHSAT1	chr5	96211201	96212868	+
TC0500000898.oe.1	2.16	1.11	2.16	up	5.27	4.15	Inc-CAST-5 LNCipedia	lc Inc-CAST-5 NONHSAT1	chr5	96777650	96779982	+
TC0500000940.oe.1	-3.07	-1.62	3.07	down	8.72	10.34	Inc-PIIP5K2 NONCODE	lc Inc-PIIP5K2 NONHSAT1	chr5	1.03E+08	103029267	+
TC0500000946.oe.1	2.61	1.38	2.61	up	4.56	3.18	RP11-313L6 N/A	--- ---	chr5	1.04E+08	104435499	+
TC0500000964.oe.1	-2.16	-1.11	2.16	down	4.95	6.06	Inc-MAN2A LNCipedia	lc Inc-MAN2A NONHSAT1	chr5	1.09E+08	109195058	+
TC0500000982.oe.1	2.01	1.01	2.01	up	6.47	5.46	Inc-TSLP-2 LNCipedia	lc Inc-TSLP-2:1 NONHSAT1	chr5	1.11E+08	111095209	+
TC0500001004.oe.1	2.15	1.10	2.15	up	8.19	7.08	Inc-ZRSR1-f LNCipedia	lc Inc-ZRSR1-f NONHSAT1	chr5	1.13E+08	113008307	+
TC0500001020.oe.1	2.82	1.49	2.82	up	5.11	3.61	Inc-AP3S1-f LNCipedia	lc Inc-AP3S1-f NONHSAT1	chr5	1.16E+08	115579333	+
TC0500001126.oe.1	2.19	1.13	2.19	up	12.47	11.34	Inc-SLC27Af LNCipedia	lc Inc-SLC27Af NONHSAT1	chr5	1.28E+08	128182921	+
TC0500001242.oe.1	2.87	1.52	2.87	up	7.16	5.63	Inc-WNT8A- NONCODE	lc Inc-WNT8A- NONHSAT1	chr5	1.38E+08	138181896	+
TC0500001359.oe.1	2.16	1.11	2.16	up	13.57	12.46	Inc-POU4F3 LNCipedia	lc Inc-POU4F3 NONHSAT1	chr5	1.46E+08	146263519	+
TC0500001502.oe.1	2.40	1.27	2.40	up	9.13	7.86	Inc-FABP6-4 LNCipedia	lc Inc-FABP6-4 NONHSAT1	chr5	1.6E+08	160424777	+

TC0500001525.oe.1	4.21	2.08	4.21	up	9.85	7.77	Inc-CCNG1- NONCODE c Inc-CCNG1- NONHSAT1(chr5	1.63E+08	163469910 +
TC0500001562.oe.1	2.38	1.25	2.38	up	4.49	3.23	Inc-GABRP- LNCipedia lc Inc-GABRP- --- chr5	1.71E+08	170923847 +
TC0500001778.oe.1	2.51	1.33	2.51	up	6.74	5.41	Inc-ZDHC1 LNCipedia lc Inc-ZDHC1 NONHSAT0(chr5	767397	768931 -
TC0500001831.oe.1	-2.15	-1.10	2.15	down	3.65	4.75	Inc-MED10- NONCODE c Inc-MED10- NONHSAT1(chr5	5420759	5421806 -
TC0500001902.oe.1	4.29	2.10	4.29	up	5.45	3.35	CTD-21990 LNCipedia lc Inc-FAM173 --- chr5	10203600	10204040 -
TC0500002066.oe.1	2.18	1.12	2.18	up	6.46	5.34	RP11-12501 N/A --- chr5	34124162	34124385 -
TC0500002082.oe.1	-2.07	-1.05	2.07	down	7.31	8.37	Inc-UGT3A2 LNCipedia lc Inc-UGT3A2 NONHSAT1(chr5	36098556	36102381 -
TC0500002115.oe.1	2.00	1.00	2.00	up	5.15	4.15	Inc-AC0914 NONCODE c Inc-AC0914 NONHSAT1(chr5	38528672	38530917 -
TC0500002128.oe.1	2.51	1.33	2.51	up	5.27	3.94	Inc-FYB-2 LNCipedia lc Inc-FYB-2:1 NONHSAT1(chr5	39374745	39376042 -
TC0500002164.oe.1	2.03	1.02	2.03	up	12.68	11.65	Inc-CCL28-2 LNCipedia lc Inc-CCL28-2 NONHSAT1(chr5	43293734	43295857 -
TC0500002168.oe.1	3.05	1.61	3.05	up	7.52	5.91	NONHSAG0 NONCODE c Inc-C5orf28 NONHSAT1(chr5	43490329	43494605 -
TC0500002178.oe.1	2.17	1.12	2.17	up	6.64	5.52	Inc-EMB-6 LNCipedia lc Inc-EMB-6:1 NONHSAT1(chr5	50403256	50443248 -
TC0500002201.oe.1	3.62	1.85	3.62	up	6.60	4.74	Inc-MOCS2- LNCipedia lc Inc-MOCS2- --- chr5	54011393	54011596 -
TC0500002252.oe.1	2.29	1.19	2.29	up	6.26	5.07	Inc-PDE4D- NONCODE c Inc-PDE4D- NONHSAT1(chr5	60605684	60628691 -
TC0500002412.oe.1	-2.02	-1.02	2.02	down	8.75	9.76	Inc-WDR41- LNCipedia lc Inc-WDR41- NONHSAT1(chr5	77073640	77076544 -
TC0500002460.oe.1	2.10	1.07	2.10	up	11.06	9.99	Inc-ANKRD3 NONCODE c Inc-ANKRD3 NONHSAT1(chr5	80628538	80654547 -
TC0500002506.oe.1	2.33	1.22	2.33	up	7.17	5.94	NONHSAG0 NONCODE c Inc-AC0083 NONHSAT1(chr5	86380660	86381426 -
TC0500002801.oe.1	2.39	1.26	2.39	up	5.76	4.50	Inc-C5orf63 LNCipedia lc Inc-C5orf63 NONHSAT1(chr5	1.27E+08	126914990 -
TC0500002872.oe.1	-2.49	-1.32	2.49	down	5.56	6.87	Inc-SAR1B-1 LNCipedia lc Inc-SAR1B-1 NONHSAT1(chr5	1.35E+08	134727819 -
TC0500002915.oe.1	2.00	1.00	2.00	up	7.56	6.55	Inc-GFRA3- NONCODE l Inc-GFRA3- NONHSAT1(chr5	1.38E+08	138331087 -
TC0500003066.oe.1	-2.68	-1.42	2.68	down	5.30	6.72	Inc-CSF1R-1 NONCODE c Inc-CSF1R-1 NONHSAT1(chr5	1.5E+08	150114958 -
TC0500003068.oe.1	-2.28	-1.19	2.28	down	4.87	6.05	Inc-CSF1R-3 NONCODE c Inc-CSF1R-3 NONHSAT1(chr5	1.5E+08	150134110 -
TC0500003211.oe.1	-2.22	-1.15	2.22	down	9.08	10.23	Inc-PANK3- LNCipedia lc Inc-PANK3- NONHSAT1(chr5	1.69E+08	168553727 -
TC0500003267.oe.1	-2.41	-1.27	2.41	down	9.44	10.71	Inc-NKX2-5 NONCODE c Inc-NKX2-5 NONHSAT1(chr5	1.73E+08	173328447 -
TC05002121.hg.4	-2.03	-1.02	2.03	down	2.39	3.41	GMCL1P1 germ cell-le: --- chr5	1.78E+08	178187432 -
TC0600000269.oe.1	2.52	1.33	2.52	up	7.44	6.10	HULC//NON hepatocellul. Inc-BMP6-3 NONHSAT1(chr6	8652137	8657427 +
TC0600000296.oe.1	-2.71	-1.44	2.71	down	6.10	7.54	Inc-C6orf22 LNCipedia lc Inc-C6orf22 NONHSAT1(chr6	11136920	11138738 +
TC0600000468.oe.1	2.58	1.37	2.58	up	9.03	7.66	Inc-PRSS16- LNCipedia lc Inc-PRSS16- NONHSAT1(chr6	27230398	27230655 +
TC0600000483.oe.1	-2.02	-1.01	2.02	down	3.62	4.63	Inc-HIST1H2 LNCipedia lc Inc-HIST1H2 NONHSAT1(chr6	27853720	27855804 +
TC0600000802.oe.1	-2.04	-1.03	2.04	down	9.27	10.30	Inc-RSPH9- LNCipedia lc Inc-RSPH9- NONHSAT1(chr6	43777720	43786439 +
TC0600000888.oe.1	2.11	1.08	2.11	up	10.70	9.62	Inc-MLIP-2 NONCODE c Inc-MLIP-2: NONHSAT1(chr6	53919240	53920748 +
TC0600000953.oe.1	2.33	1.22	2.33	up	5.01	3.79	Inc-C6orf57 LNCipedia lc Inc-C6orf57 NONHSAT1(chr6	70512115	70515953 +
TC0600001041.oe.1	2.96	1.56	2.96	up	13.87	12.31	Inc-BCKDHB LNCipedia lc Inc-BCKDHB NONHSAT1(chr6	80005941	80011553 +
TC0600001042.oe.1	2.77	1.47	2.77	up	7.87	6.40	Inc-BCKDHB NONCODE c Inc-BCKDHB NONHSAT1(chr6	80037553	80040271 +
TC0600001091.oe.1	2.02	1.02	2.02	up	8.65	7.63	Inc-SLC35A1 LNCipedia lc Inc-SLC35A1 NONHSAT1(chr6	87650930	87653214 +
TC0600001184.oe.1	3.18	1.67	3.18	up	6.68	5.01	RP3-467N11 LNCipedia lc Inc-GRIK2-2 NONHSAT1(chr6	1.01E+08	100882987 +
TC0600001244.oe.1	-2.41	-1.27	2.41	down	13.89	15.17	Inc-LACE1-7 LNCipedia lc Inc-LACE1-7 --- chr6	1.09E+08	108681190 +
TC0600001254.oe.1	2.11	1.07	2.11	up	4.39	3.32	Inc-C6orf18 LNCipedia lc Inc-C6orf18: --- chr6	1.09E+08	109272805 +
TC0600001378.oe.1	-2.20	-1.14	2.20	down	7.47	8.61	Inc-TPD52L1 LNCipedia lc Inc-TPD52L1 NONHSAT1(chr6	1.25E+08	125086338 +
TC0600001386.oe.1	2.21	1.15	2.21	up	8.56	7.42	Inc-HINT3-1 LNCipedia lc Inc-HINT3-1 NONHSAT1(chr6	1.26E+08	125998098 +
TC0600001396.oe.1	-2.08	-1.05	2.08	down	2.83	3.89	Inc-RNF146- LNCipedia lc Inc-RNF146- NONHSAT1(chr6	1.27E+08	127155285 +
TC0600001422.oe.1	2.08	1.06	2.08	up	5.86	4.80	Inc-AKAP7- LNCipedia lc Inc-AKAP7- NONHSAT1(chr6	1.31E+08	131309274 +
TC0600001450.oe.1	-2.13	-1.09	2.13	down	3.07	4.16	Inc-EYA4-2/ LNCipedia lc Inc-EYA4-2: --- chr6	1.34E+08	133541174 +
TC0600001488.oe.1	2.11	1.08	2.11	up	11.36	10.28	Inc-KIAA124 LNCipedia lc Inc-KIAA124 NONHSAT1(chr6	1.38E+08	137875744 +
TC0600001525.oe.1	2.27	1.18	2.27	up	9.33	8.14	Inc-VTA1-4 LNCipedia lc Inc-VTA1-4: NONHSAT1(chr6	1.42E+08	142408220 +
TC0600001534.oe.1	-2.43	-1.28	2.43	down	6.41	7.69	Inc-PEX3-5 LNCipedia lc Inc-PEX3-5: NONHSAT1(chr6	1.43E+08	143187814 +
TC0600001550.oe.1	-2.99	-1.58	2.99	down	6.65	8.23	Inc-UTRN-1 gene_id XLC Inc-UTRN-1 NONHSAT1(chr6	1.44E+08	144288184 +
TC0600001558.oe.1	-2.74	-1.45	2.74	down	7.76	9.21	Inc-STX11-9 LNCipedia lc Inc-STX11-9 NONHSAT1(chr6	1.45E+08	144846822 +
TC0600001750.oe.1	3.49	1.80	3.49	up	10.08	8.27	CCR6//Inc-CC-C chemok Inc-CCR6-3: NONHSAT1(chr6	1.67E+08	167139141 +

TC0600001869.oe.1	2.15	1.10	2.15	up	4.04	2.94	Inc-C6orf19! LNCipedia	lc Inc-C6orf19! NONHSAT1: chr6	1726935	1728872	-
TC0600001872.oe.1	2.14	1.10	2.14	up	4.93	3.83	Inc-C6orf19! LNCipedia	lc Inc-C6orf19! NONHSAT1: chr6	1932246	1934181	-
TC0600001874.oe.1	2.14	1.10	2.14	up	4.23	3.13	Inc-C6orf19! LNCipedia	lc Inc-C6orf19! NONHSAT1: chr6	1949255	1949744	-
TC0600001882.oe.1	2.53	1.34	2.53	up	4.77	3.43	Inc-C6orf19! LNCipedia	lc Inc-C6orf19! NONHSAT1: chr6	2037478	2037967	-
TC0600002032.oe.1	2.04	1.03	2.04	up	4.00	2.97	Inc-SSR1-1 LNCipedia	lc Inc-SSR1-1: NONHSAT1: chr6	7373953	7389402	-
TC0600002047.oe.1	-2.04	-1.03	2.04	down	4.03	5.06	Inc-TFAP2A- NONCODE	lc Inc-TFAP2A- NONHSAT1: chr6	9841932	9864115	-
TC0600002088.oe.1	2.27	1.18	2.27	up	6.15	4.96	Inc-RANBP9 LNCipedia	lc Inc-RANBP9 NONHSAT1: chr6	13572073	13574214	-
TC0600002200.oe.1	2.34	1.23	2.34	up	6.18	4.95	Inc-HIST1H3 LNCipedia	lc Inc-HIST1H3: chr6	26194270	26196134	-
TC0600002213.oe.1	2.01	1.01	2.01	up	6.01	5.00	RP11-239L2 LNCipedia	lc Inc-HIST1H2: chr6	27001208	27001648	-
TC0600002229.oe.1	-2.35	-1.24	2.35	down	3.51	4.74	Inc-HIST1H2 LNCipedia	lc Inc-HIST1H2 NONHSAT1: chr6	27666983	27668148	-
TC0600002375.oe.1	-2.23	-1.16	2.23	down	5.71	6.86	Inc-HLA-DC LNCipedia	lc Inc-HLA-DC NONHSAT1: chr6	32825415	32828345	-
TC0600002515.oe.1	-2.22	-1.15	2.22	down	9.10	10.26	Inc-MRPS18 NONCODE	lc Inc-MRPS18 NONHSAT1: chr6	43624614	43625864	-
TC0600002604.oe.1	2.92	1.55	2.92	up	9.46	7.91	Inc-DST-3 LNCipedia	lc Inc-DST-3:1 NONHSAT1: chr6	56276529	56276796	-
TC0600002605.oe.1	-2.12	-1.09	2.12	down	6.85	7.94	RP3-445N2 LNCipedia	lc Inc-DST-1:1 NONHSAT1: chr6	56331788	56332117	-
TC0600002627.oe.1	2.16	1.11	2.16	up	3.73	2.62	Inc-RAB23-1 LNCipedia	lc Inc-RAB23-1 NONHSAT1: chr6	58071720	58073134	-
TC0600002637.oe.1	2.44	1.29	2.44	up	9.16	7.87	Inc-LGSN-3 LNCipedia	lc Inc-LGSN-3: chr6	63436392	63440372	-
TC0600002673.oe.1	2.22	1.15	2.22	up	5.78	4.63	Inc-MB21D1 LNCipedia	lc Inc-MB21D1 NONHSAT1: chr6	73391038	73391767	-
TC0600002853.oe.1	2.62	1.39	2.62	up	4.41	3.02	Inc-BVES-1 LNCipedia	lc Inc-BVES-1: chr6	1.05E+08	105038269	-
TC0600002878.oe.1	2.60	1.38	2.60	up	6.75	5.37	Inc-OSTM1- LNCipedia	lc Inc-OSTM1- NONHSAT1: chr6	1.08E+08	107958042	-
TC0600002993.oe.1	-3.06	-1.61	3.06	down	6.64	8.25	RP3-425C14 LNCipedia	lc Inc-SERINC1 NONHSAT1: chr6	1.22E+08	122439223	-
TC0600003161.oe.1	-2.22	-1.15	2.22	down	5.47	6.62	Inc-SF3B5-5 LNCipedia	lc Inc-SF3B5-5 NONHSAT1: chr6	1.45E+08	144708497	-
TC0600003166.oe.1	2.56	1.36	2.56	up	5.15	3.80	Inc-FBXO30 LNCipedia	lc Inc-FBXO30 NONHSAT1: chr6	1.46E+08	145897422	-
TC0600003289.oe.1	3.99	2.00	3.99	up	16.94	14.94	Inc-TCP1-5 LNCipedia	lc Inc-TCP1-5: NONHSAT1: chr6	1.6E+08	159692650	-
TC0600003306.oe.1	-2.21	-1.14	2.21	down	2.82	3.96	Inc-LPA-2 LNCipedia	lc Inc-LPA-2:1 NONHSAT1: chr6	1.61E+08	160817351	-
TC0600003349.oe.1	2.06	1.04	2.06	up	7.06	6.02	Inc-PRR18-2 LNCipedia	lc Inc-PRR18-2 NONHSAT1: chr6	1.66E+08	166240493	-
TC0600003425.oe.1	-2.16	-1.11	2.16	down	5.79	6.90	Inc-PSMB1- LNCipedia	lc Inc-PSMB1- NONHSAT1: chr6	1.71E+08	170576937	-
TC06001436.hg.4	-2.27	-1.18	2.27	down	4.89	6.07	TOB2P1 transducer o	lc --- chr6	28215338	28218929	-
TC0700000159.oe.1	6.74	2.75	6.74	up	7.02	4.27	Inc-ARL4A- LNCipedia	lc Inc-ARL4A- NONHSAT1: chr7	12966846	12967172	+
TC0700000160.oe.1	3.10	1.63	3.10	up	7.53	5.90	Inc-ARL4A- LNCipedia	lc Inc-ARL4A-: chr7	13067916	13670674	+
TC0700000164.oe.1	3.18	1.67	3.18	up	7.75	6.08	Inc-ARL4A- NONCODE	lc Inc-ARL4A- NONHSAT1: chr7	14003297	14009679	+
TC0700000251.oe.1	2.36	1.24	2.36	up	5.83	4.59	Inc-CCDC12 LNCipedia	lc Inc-CCDC12 NONHSAT1: chr7	23474528	23475589	+
TC0700000261.oe.1	2.04	1.03	2.04	up	7.16	6.13	Inc-NPY-3 LNCipedia	lc Inc-NPY-3:1 chr7	24660137	24660535	+
TC0700000283.oe.1	2.25	1.17	2.25	up	6.17	5.00	NONHSAGO LNCipedia	lc Inc-EVX1-1: NONHSAT1: chr7	27095647	27100265	+
TC0700000395.oe.1	2.20	1.14	2.20	up	14.81	13.67	Inc-EEDP1- NONCODE	lc Inc-EEDP1- NONHSAT1: chr7	36403493	36417148	+
TC0700000428.oe.1	2.19	1.13	2.19	up	4.79	3.65	Inc-CDK13- LNCipedia	lc Inc-CDK13- NONHSAT1: chr7	39816549	39868140	+
TC0700000604.oe.1	2.17	1.12	2.17	up	10.02	8.91	Inc-ZNF716- LNCipedia	lc Inc-ZNF716- NONHSAT1: chr7	57490211	57496130	+
TC0700000649.oe.1	2.23	1.16	2.23	up	5.32	4.16	Inc-ZNF138- LNCipedia	lc Inc-ZNF138- NONHSAT1: chr7	64681133	64686885	+
TC0700000661.oe.1	2.16	1.11	2.16	up	5.17	4.06	Inc-ZNF273- NONCODE	lc Inc-ZNF273- NONHSAT1: chr7	65373838	65398699	+
TC0700000782.oe.1	-2.01	-1.01	2.01	down	4.99	6.00	Inc-MDH2-2 LNCipedia	lc Inc-MDH2-2 NONHSAT1: chr7	76099440	76102834	+
TC0700000812.oe.1	2.58	1.37	2.58	up	6.59	5.22	Inc-RSBN1L- LNCipedia	lc Inc-RSBN1L- chr7	77618632	77618950	+
TC0700000833.oe.1	-2.88	-1.52	2.88	down	4.44	5.96	Inc-CD36-3 LNCipedia	lc Inc-CD36-3: NONHSAT1: chr7	80218678	80219288	+
TC0700000928.oe.1	2.18	1.12	2.18	up	6.07	4.94	Inc-ASB4-2 gene_id XLC	lc Inc-ASB4-2: NONHSAT1: chr7	95440011	95442401	+
TC0700001287.oe.1	2.57	1.36	2.57	up	4.26	2.90	Inc-CPA1-3 NONCODE	lc Inc-CPA1-3: NONHSAT1: chr7	1.3E+08	130501069	+
TC0700001309.oe.1	2.12	1.08	2.12	up	6.96	5.87	Inc-AC0093 LNCipedia	lc Inc-AC0093 NONHSAT1: chr7	1.33E+08	133254018	+
TC0700001320.oe.1	5.13	2.36	5.13	up	6.07	3.71	Inc-AKR1B1(NONCODE	lc Inc-AKR1B1(NONHSAT1: chr7	1.35E+08	134541408	+
TC0700001375.oe.1	-4.81	-2.27	4.81	down	5.45	7.72	Inc-TTC26-3 LNCipedia	lc Inc-TTC26-3: chr7	1.39E+08	139024456	+
TC0700001506.oe.1	5.18	2.37	5.18	up	5.81	3.43	OTTHUMG0 LNCipedia	lc Inc-LRRC61- NONHSAT1: chr7	1.5E+08	150342607	+
TC0700001614.oe.1	2.06	1.04	2.06	up	6.70	5.65	Inc-DNAJB6 LNCipedia	lc Inc-DNAJB6 chr7	1.57E+08	157196338	+
TC0700001764.oe.1	2.62	1.39	2.62	up	5.37	3.99	Inc-RPA3-7 LNCipedia	lc Inc-RPA3-7: NONHSAT1: chr7	8218441	8218951	-

TC0700001846.oe.1	2.17	1.11	2.17	up	4.93	3.82	lnc-STEAP1E NONCODE c lnc-STEAP1E NONHSAT1: chr7	22214433	22215408 -
TC0700001904.oe.1	2.51	1.33	2.51	up	5.60	4.27	CTB-119C2: NONCODE c lnc-HNRNP: NONHSAT1: chr7	26173533	26185341 -
TC0700002006.oe.1	-2.12	-1.08	2.12	down	2.85	3.93	lnc-ELMO1- LNCipedia lc lnc-ELMO1- NONHSAT1: chr7	36623190	36661300 -
TC0700002072.oe.1	2.23	1.15	2.23	up	5.63	4.47	lnc-MYL7-1 NONCODE c lnc-MYL7-1: NONHSAT1: chr7	44122088	44123496 -
TC0700002082.oe.1	2.47	1.30	2.47	up	9.51	8.21	lnc-TMED4- NONCODE c lnc-TMED4- NONHSAT1: chr7	44569752	44570765 -
TC0700002096.oe.1	-3.15	-1.65	3.15	down	15.95	17.60	lnc-AC0112: LNCipedia lc lnc-AC0112: NONHSAT1: chr7	45913773	45915325 -
TC0700002167.oe.1	2.24	1.16	2.24	up	7.26	6.10	lnc-RP4-72E NONCODE c lnc-RP4-72E NONHSAT1: chr7	56421857	56448375 -
TC0700002400.oe.1	-2.33	-1.22	2.33	down	5.46	6.68	lnc-C7orf23- NONCODE c lnc-C7orf23- NONHSAT1: chr7	86891195	86892935 -
TC0700002443.oe.1	2.04	1.03	2.04	up	3.62	2.59	lnc-SAMD9L NONCODE c lnc-SAMD9L NONHSAT1: chr7	93145606	93148369 -
TC0700002508.oe.1	3.11	1.64	3.11	up	11.00	9.36	lnc-GATS-1 LNCipedia lc lnc-GATS-1: --- chr7	1E+08	100310676 -
TC0700002786.oe.1	-2.00	-1.00	2.00	down	2.47	3.47	lnc-SLC35B4 LNCipedia lc lnc-SLC35B4 NONHSAT1: chr7	1.34E+08	133733595 -
TC0700002808.oe.1	2.79	1.48	2.79	up	10.49	9.01	lnc-PTN-9 LNCipedia lc lnc-PTN-9:1 NONHSAT1: chr7	1.37E+08	136938553 -
TC0700002812.oe.1	-2.35	-1.23	2.35	down	2.98	4.22	lnc-PTN-4 LNCipedia lc lnc-PTN-4:1 NONHSAT1: chr7	1.37E+08	137204840 -
TC07000084.hg.4	2.08	1.05	2.08	up	3.08	2.02	PER4 period circac --- --- chr7	9634270	9635817 +
TC07000398.hg.4	2.04	1.03	2.04	up	8.16	7.13	CCT6P1 chaperonin c --- --- chr7	65751105	65763675 +
TC07001489.hg.4	2.74	1.45	2.74	up	9.10	7.65	STAG3L1//Tl stromal antiç --- --- chr7	72968116	73005925 -
TC07001513.hg.4	2.31	1.21	2.31	up	8.95	7.74	STAG3L1//S` stromal antiç --- --- chr7	74697974	74890612 -
TC07003297.hg.4	2.06	1.04	2.06	up	5.61	4.57	NSUN5P1//^ NOP2/Sun d --- --- chr7	72948293	72954790 -
TC07003331.hg.4	2.95	1.56	2.95	up	10.35	8.79	STAG3L1//S` stromal antiç --- --- chr7	75359175	75390545 +
TC0800000109.oe.1	2.16	1.11	2.16	up	6.60	5.48	NONHSAGO NONCODE c lnc-C8orf49- NONHSAT1: chr8	11761256	11763223 +
TC0800000111.oe.1	2.06	1.04	2.06	up	7.19	6.14	lnc-NEIL2-2 LNCipedia lc lnc-NEIL2-2 NONHSAT1: chr8	11802784	11803815 +
TC0800000135.oe.1	-2.10	-1.07	2.10	down	11.21	12.28	lnc-EFHA2-: NONCODE c lnc-EFHA2-: NONHSAT1: chr8	15673763	15764460 +
TC0800000148.oe.1	-2.51	-1.33	2.51	down	7.95	9.28	lnc-ZDHHC2 LNCipedia lc lnc-ZDHHC2 NONHSAT1: chr8	17223542	17225779 +
TC0800000150.oe.1	-2.10	-1.07	2.10	down	6.50	7.57	lnc-VPS37A- NONCODE c lnc-VPS37A- NONHSAT1: chr8	17295964	17302427 +
TC0800000155.oe.1	-5.66	-2.50	5.66	down	9.04	11.54	lnc-PDGFR1 LNCipedia lc lnc-PDGFR1 NONHSAT1: chr8	17569140	17570516 +
TC0800000192.oe.1	-2.01	-1.01	2.01	down	3.46	4.47	lnc-ATP6V1f LNCipedia lc lnc-ATP6V1f --- chr8	20997906	21013196 +
TC0800000393.oe.1	-2.23	-1.16	2.23	down	3.46	4.62	lnc-EIF4EBP: NONCODE c lnc-EIF4EBP: NONHSAT1: chr8	38062881	38063791 +
TC0800000444.oe.1	2.21	1.15	2.21	up	7.34	6.19	lnc-GOLGA7 NONCODE c lnc-GOLGA7 NONHSAT1: chr8	41529230	41544722 +
TC0800000484.oe.1	3.41	1.77	3.41	up	5.96	4.19	lnc-LINC002 LNCipedia lc lnc-LINC002 NONHSAT1: chr8	45928884	45929667 +
TC0800000501.oe.1	2.24	1.17	2.24	up	4.72	3.56	lnc-UBE2V2- NONCODE c lnc-UBE2V2- NONHSAT1: chr8	47960949	47962149 +
TC0800000953.oe.1	-2.05	-1.04	2.05	down	2.59	3.62	lnc-RIMS2-1 LNCipedia lc lnc-RIMS2-1 --- chr8	1.03E+08	103498670 +
TC0800000970.oe.1	2.17	1.12	2.17	up	4.90	3.79	lnc-ZFPM2- LNCipedia lc lnc-ZFPM2- NONHSAT1: chr8	1.07E+08	106742484 +
TC0800001057.oe.1	2.00	1.00	2.00	up	9.75	8.75	lnc-FER1L6- NONCODE c lnc-FER1L6- NONHSAT1: chr8	1.24E+08	123812760 +
TC0800001215.oe.1	2.18	1.12	2.18	up	4.70	3.58	lnc-GML-3 NONCODE c lnc-GML-3:1 NONHSAT1: chr8	1.43E+08	142965501 +
TC0800001293.oe.1	2.04	1.03	2.04	up	5.64	4.61	lnc-C8orf42- LNCipedia lc lnc-C8orf42- NONHSAT1: chr8	451917	453183 -
TC0800001513.oe.1	-2.16	-1.11	2.16	down	9.06	10.17	lnc-PHYHIP- NONCODE c lnc-PHYHIP- NONHSAT1: chr8	22419549	22422679 -
TC0800001738.oe.1	-2.16	-1.11	2.16	down	8.40	9.52	lnc-RP11-3E LNCipedia lc lnc-RP11-3E NONHSAT1: chr8	46614286	46617356 -
TC0800001809.oe.1	2.25	1.17	2.25	up	7.14	5.97	lnc-RPS20-4 NONCODE c lnc-RPS20-4 NONHSAT1: chr8	55738758	55746047 -
TC0800001810.oe.1	2.23	1.16	2.23	up	8.95	7.80	lnc-RPS20-3 LNCipedia lc lnc-RPS20-3 NONHSAT1: chr8	55750887	55756402 -
TC0800001857.oe.1	2.19	1.13	2.19	up	11.48	10.35	lnc-GGH-4 NONCODE c lnc-GGH-4:1 NONHSAT1: chr8	61661814	61689715 -
TC0800002000.oe.1	2.24	1.16	2.24	up	4.83	3.67	lnc-MRPS28 LNCipedia lc lnc-MRPS28 --- chr8	79931927	80034292 -
TC0800002013.oe.1	-2.25	-1.17	2.25	down	4.10	5.26	lnc-PAG1-1: LNCipedia lc lnc-PAG1-1: NONHSAT1: chr8	80628457	80631612 -
TC0800002015.oe.1	2.91	1.54	2.91	up	11.65	10.11	lnc-PAG1-9 NONCODE c lnc-PAG1-9: NONHSAT1: chr8	80644939	80645173 -
TC0800002132.oe.1	2.06	1.05	2.06	up	9.56	8.52	lnc-KIAA142 NONCODE c lnc-KIAA142 NONHSAT1: chr8	94393423	94399583 -
TC0800002229.oe.1	-2.28	-1.19	2.28	down	3.15	4.34	lnc-RRM2B- NONCODE c lnc-RRM2B- NONHSAT1: chr8	1.02E+08	102242619 -
TC0800002454.oe.1	2.02	1.02	2.02	up	10.17	9.16	lnc-FAM49B NONCODE c lnc-FAM49B NONHSAT1: chr8	1.3E+08	130401915 -
TC0800002477.oe.1	-2.97	-1.57	2.97	down	5.41	6.97	lnc-NDRG1- NONCODE c lnc-NDRG1- NONHSAT1: chr8	1.33E+08	133297304 -
TC08000033.hg.4	2.57	1.36	2.57	up	3.81	2.45	DEFB109P1E defensin, bei --- --- chr8	7312844	7319951 +
TC08000705.hg.4	-4.13	-2.05	4.13	down	3.38	5.42	HAS2-AS1 HAS2 antisei --- --- chr8	1.22E+08	121645324 +

TC08001136.hg.4	2.19	1.13	2.19	up	6.29	5.15	LOC728024	chromosome ---	---	chr8	37746556	37748046 -	
TC0900000156.oe.1	-2.36	-1.24	2.36	down	4.53	5.77	Inc-SH3GL2	LNCipedia	lc Inc-SH3GL2	NONHSAT1: chr9	17415818	17462984 +	
TC0900000261.oe.1	3.05	1.61	3.05	up	13.70	12.09	Inc-SPINK4	LNCipedia	lc Inc-SPINK4	NONHSAT1: chr9	33025286	33038726 +	
TC0900000325.oe.1	-2.91	-1.54	2.91	down	5.37	6.91	Inc-CA9-1	LNCipedia	lc Inc-CA9-1:1	NONHSAT1: chr9	35680701	35681159 +	
TC0900000365.oe.1	-3.60	-1.85	3.60	down	7.67	9.52	Inc-RG9MTC	LNCipedia	lc Inc-RG9MTC	NONHSAT1: chr9	37865026	37867296 +	
TC0900000462.oe.1	2.17	1.12	2.17	up	5.66	4.54	Inc-RP11-2f	LNCipedia	lc Inc-RP11-2f	NONHSAT1: chr9	62817551	62817849 +	
TC0900000506.oe.1	-2.18	-1.13	2.18	down	3.01	4.14	Inc-FOXD4L	LNCipedia	lc Inc-FOXD4L	NONHSAT1: chr9	68396524	68406344 +	
TC0900000552.oe.1	2.36	1.24	2.36	up	3.76	2.52	Inc-ANXA1	NONCODE	lc Inc-ANXA1	NONHSAT1: chr9	73168098	73170393 +	
TC0900000749.oe.1	2.16	1.11	2.16	up	4.67	3.55	Inc-HIATL1	NONCODE	lc Inc-HIATL1	NONHSAT1: chr9	94346664	94347323 +	
TC0900000910.oe.1	-2.10	-1.07	2.10	down	6.28	7.35	Inc-FAM206	LNCipedia	lc Inc-FAM206	NONHSAT1: chr9	1.09E+08	109019566 +	
TC0900001061.oe.1	-2.44	-1.29	2.44	down	6.80	8.08	Inc-NEK6-2	NONCODE	lc Inc-NEK6-2	NONHSAT1: chr9	1.24E+08	124359186 +	
TC0900001111.oe.1	2.41	1.27	2.41	up	5.63	4.36	Inc-ZNF79-1	LNCipedia	lc Inc-ZNF79-1	NONHSAT1: chr9	1.27E+08	127457413 +	
TC0900001171.oe.1	2.22	1.15	2.22	up	8.80	7.65	Inc-RP11-1C	LNCipedia	lc Inc-RP11-1C	NONHSAT1: chr9	1.29E+08	128985262 +	
TC0900001221.oe.1	2.20	1.14	2.20	up	9.04	7.91	Inc-AIF1L-5	LNCipedia	lc Inc-AIF1L-5	NONHSAT1: chr9	1.31E+08	131198332 +	
TC0900001350.oe.1	2.19	1.13	2.19	up	12.04	10.91	Inc-SLC34A3	NONCODE	lc Inc-SLC34A3	NONHSAT1: chr9	1.37E+08	137243706 +	
TC0900001579.oe.1	2.73	1.45	2.73	up	8.19	6.74	Inc-APTX-3	LNCipedia	lc Inc-APTX-3	NONHSAT1: chr9	33025350	33039907 -	
TC0900001628.oe.1	2.59	1.37	2.59	up	7.15	5.78	Inc-SIT1-1	LNCipedia	lc Inc-SIT1-1:1	NONHSAT1: chr9	35661838	35662644 -	
TC09001199.hg.4	2.00	1.00	2.00	up	5.03	4.03	SMC5-AS1	SMC5 antise	---	chr9	70193998	70258874 -	
TC09001698.hg.4	2.08	1.06	2.08	up	6.65	5.59	RNU6ATAC	RNA, U6atac	---	chr9	1.34E+08	134164564 -	
TC0X00000041.oe.1	2.10	1.07	2.10	up	6.44	5.37	Inc-STS-5	NONCODE	lc Inc-STS-5:1	NONHSAT1: chrX	6275635	6276642 +	
TC0X00000148.oe.1	-2.63	-1.39	2.63	down	6.43	7.82	GS1-358P8.4	LNCipedia	lc Inc-PDK3-1	NONHSAT1: chrX	24545516	24550466 +	
TC0X00000183.oe.1	2.53	1.34	2.53	up	10.49	9.15	Inc-GK-6	LNCipedia	lc Inc-GK-6:1	NONHSAT1: chrX	30617454	30617693 +	
TC0X00000244.oe.1	-2.58	-1.37	2.58	down	4.47	5.84	NONHSAGO	LNCipedia	lc Inc-USP9X-2	NONHSAT1: chrX	41233633	41234283 +	
TC0X00000245.oe.1	-2.53	-1.34	2.53	down	5.15	6.49	Inc-USP9X-3	LNCipedia	lc Inc-USP9X-3	NONHSAT1: chrX	41235856	41236579 +	
TC0X00000468.oe.1	-2.36	-1.24	2.36	down	10.28	11.52	Inc-STARD8	NONCODE	lc Inc-STARD8	NONHSAT1: chrX	68533180	68537282 +	
TC0X00001172.oe.1	2.00	1.00	2.00	up	10.09	9.09	Inc-RPS6KA3	LNCipedia	lc Inc-RPS6KA3	NONHSAT1: chrX	20136066	20136413 -	
TC0X00001260.oe.1	-2.15	-1.10	2.15	down	3.30	4.41	Inc-MED14	NONCODE	lc Inc-MED14	NONHSAT1: chrX	41660101	41665832 -	
TC0X00001660.oe.1	2.40	1.26	2.40	up	7.64	6.37	Inc-KCNE1L	LNCipedia	lc Inc-KCNE1L	NONHSAT1: chrX	1.1E+08	109733275 -	
TC0X00001676.oe.1	2.53	1.34	2.53	up	4.40	3.07	Inc-IL13RA2	LNCipedia	lc Inc-IL13RA2	---	chrX	1.14E+08	114369434 -
TC0X00001858.oe.1	-2.95	-1.56	2.95	down	7.80	9.37	Inc-MAGEA9	LNCipedia	lc Inc-MAGEA9	NONHSAT1: chrX	1.49E+08	149478981 -	
TC0X00001918.oe.1	2.25	1.17	2.25	up	8.75	7.58	Inc-DNASE1	NONCODE	lc Inc-DNASE1	NONHSAT1: chrX	1.54E+08	154365207 -	
TC0X00001930.oe.1	2.64	1.40	2.64	up	9.65	8.25	Inc-GAB3-1	LNCipedia	lc Inc-GAB3-1	NONHSAT1: chrX	1.55E+08	154781596 -	
TC0X00001931.oe.1	2.43	1.28	2.43	up	9.68	8.40	Inc-GAB3-2	NONCODE	lc Inc-GAB3-2	NONHSAT1: chrX	1.55E+08	154786283 -	
TC0X000910.hg.4	3.30	1.72	3.30	up	9.73	8.01	SCARNA9L	small Cajal b	---	chrX	20136066	20136413 -	
TC0X001084.hg.4	2.06	1.04	2.06	up	3.89	2.85	UQCRBP1	ubiquinol-cy	---	chrX	56736788	56737584 -	
TC0Y0000030.hg.4	3.21	1.68	3.21	up	5.23	3.55	RNU6-941P	RNA, U6 sma	---	chrY	7273972	7381548 +	
TC1000000014.oe.1	2.02	1.01	2.02	up	4.39	3.38	Inc-GTPBP4	LNCipedia	lc Inc-GTPBP4	---	chr10	1080155	1082179 +
TC1000000331.oe.1	2.19	1.13	2.19	up	7.86	6.74	Inc-LYZL1-1	NONCODE	lc Inc-LYZL1-1	NONHSAT1: chr10	29697903	29698228 +	
TC1000000413.oe.1	-2.20	-1.14	2.20	down	3.22	4.36	Inc-ZNF33A	LNCipedia	lc Inc-ZNF33A	---	chr10	37661694	37672912 +
TC1000000430.oe.1	2.78	1.48	2.78	up	5.88	4.41	Inc-ZNF37A	NONCODE	lc Inc-ZNF37A	NONHSAT0: chr10	38501594	38504708 +	
TC1000000563.oe.1	2.65	1.41	2.65	up	13.15	11.75	Inc-DKK1-1	LNCipedia	lc Inc-DKK1-1	NONHSAT0: chr10	52315057	52318042 +	
TC1000000607.oe.1	-2.27	-1.18	2.27	down	4.42	5.60	Inc-ARID5B	NONCODE	lc Inc-ARID5B	NONHSAT0: chr10	62374353	62402458 +	
TC1000000615.oe.1	2.22	1.15	2.22	up	14.36	13.22	Inc-NRBF2-3	LNCipedia	lc Inc-NRBF2-3	NONHSAT0: chr10	63521409	63610312 +	
TC1000000624.oe.1	-2.03	-1.02	2.03	down	3.62	4.64	NONHSAGO	gene_id XLC	Inc-LRRTM3	NONHSAT0: chr10	65313785	65314970 +	
TC1000000915.oe.1	2.67	1.42	2.67	up	10.53	9.12	Inc-IFIT5-2	LNCipedia	lc Inc-IFIT5-2:1	NONHSAT0: chr10	89705290	89729207 +	
TC1000000937.oe.1	-3.27	-1.71	3.27	down	6.54	8.25	Inc-HECTD2	LNCipedia	lc Inc-HECTD2	NONHSAT0: chr10	91282008	91284258 +	
TC1000000952.oe.1	2.49	1.32	2.49	up	5.74	4.42	Inc-O3FAR1	LNCipedia	lc Inc-O3FAR1	NONHSAT0: chr10	93517207	93520277 +	
TC1000000970.oe.1	-2.40	-1.26	2.40	down	6.29	7.55	Inc-CYP2C11	LNCipedia	lc Inc-CYP2C11	NONHSAT0: chr10	94612287	94613904 +	
TC1000001176.oe.1	-4.35	-2.12	4.35	down	10.85	12.97	Inc-SHOC2	LNCipedia	lc Inc-SHOC2	NONHSAT0: chr10	1.11E+08	110898718 +	

TC1000001208.oe.1	-2.27	-1.18	2.27	down	8.38	9.57	Inc-CASP7-1 NONCODE (Inc-CASP7-1 NONHSAT0: chr10	1.14E+08	113570158 +
TC1000001210.oe.1	-4.81	-2.26	4.81	down	7.72	9.99	Inc-AL1624C LNCipedia (Inc-AL1624C NONHSAT0: chr10	1.14E+08	113917190 +
TC1000001297.oe.1	2.24	1.17	2.24	up	4.34	3.17	Inc-TACC2-1 NONCODE (Inc-TACC2-1 NONHSAT0: chr10	1.22E+08	121934456 +
TC1000001618.oe.1	-2.25	-1.17	2.25	down	4.39	5.56	Inc-C1QL3-1 NONCODE (Inc-C1QL3-1 NONHSAT0: chr10	16512080	16514516 -
TC1000001834.oe.1	-2.54	-1.35	2.54	down	7.78	9.13	Inc-C10orf11 LNCipedia (Inc-C10orf11 NONHSAT0: chr10	44376885	44377100 -
TC1000001926.oe.1	-2.27	-1.18	2.27	down	10.74	11.92	Inc-A1CF-4 LNCipedia (Inc-A1CF-4: NONHSAT0: chr10	50800033	50805968 -
TC1000001933.oe.1	-2.24	-1.16	2.24	down	2.85	4.02	Inc-CSTF2T- LNCipedia (Inc-CSTF2T- --- chr10	52120883	52140539 -
TC1000002024.oe.1	3.29	1.72	3.29	up	6.69	4.97	Inc-RUFY2-1 LNCipedia (Inc-RUFY2-1 NONHSAT0: chr10	68416686	68419423 -
TC1000002028.oe.1	-2.41	-1.27	2.41	down	4.47	5.74	Inc-SLC25A1 NONCODE (Inc-SLC25A1 NONHSAT0: chr10	68691664	68692941 -
TC1000002083.oe.1	-2.20	-1.14	2.20	down	11.91	13.05	Inc-PLA2G12 NONCODE (Inc-PLA2G12 NONHSAT0: chr10	73009640	73016861 -
TC1000002084.oe.1	3.04	1.61	3.04	up	4.66	3.06	Inc-ECD-3 LNCipedia (Inc-ECD-3:1 NONHSAT0: chr10	73069312	73069787 -
TC1000002101.oe.1	2.00	1.00	2.00	up	5.12	4.12	RP11-574K1 LNCipedia (Inc-AGAP5- NONHSAT0: chr10	73740871	73744372 -
TC1000002225.oe.1	2.05	1.04	2.05	up	5.40	4.36	Inc-GLUD1- LNCipedia (Inc-GLUD1- --- chr10	87278422	87332633 -
TC1000002413.oe.1	-2.01	-1.01	2.01	down	6.34	7.34	Inc-ARL3-2 NONCODE (Inc-ARL3-2: NONHSAT0: chr10	1.03E+08	102831703 -
TC1000002475.oe.1	2.25	1.17	2.25	up	7.90	6.73	Inc-AFAP1L2 NONCODE (Inc-AFAP1L2 NONHSAT0: chr10	1.14E+08	114132094 -
TC1000002645.oe.1	2.00	1.00	2.00	up	3.72	2.72	Inc-EBF3-13 LNCipedia (Inc-EBF3-13 --- chr10	1.3E+08	129538281 -
TC10000306.hg.4	3.64	1.86	3.64	up	7.28	5.42	FAM35DP family with s --- --- chr10	47689700	47731218 +
TC10001298.hg.4	2.43	1.28	2.43	up	5.14	3.86	PRKG1-AS1 PRKG1 antisense --- --- chr10	52230759	52314128 -
TC10001553.hg.4	2.52	1.33	2.52	up	4.12	2.78	LOC1019271ENTPD1 anti --- --- chr10	95753206	96090238 -
TC1100000131.oe.1	2.47	1.31	2.47	up	5.40	4.09	Inc-TRIM6-1 NONCODE (Inc-TRIM6-1 NONHSAT0: chr11	5634838	5666380 +
TC1100000157.oe.1	2.24	1.17	2.24	up	6.96	5.80	Inc-OR2D3- LNCipedia (Inc-OR2D3- NONHSAT0: chr11	6943190	6956533 +
TC1100000194.oe.1	2.82	1.50	2.82	up	11.86	10.37	Inc-ZNF143- LNCipedia (Inc-ZNF143- NONHSAT0: chr11	9585183	9588456 +
TC1100000217.oe.1	2.04	1.03	2.04	up	5.05	4.03	Inc-MICAL2- LNCipedia (Inc-MICAL2- --- chr11	11862185	11862412 +
TC1100000247.oe.1	2.09	1.07	2.09	up	5.16	4.10	Inc-ARNTL-1 LNCipedia (Inc-ARNTL-1 --- chr11	13675686	13675918 +
TC1100000248.oe.1	2.70	1.43	2.70	up	11.71	10.27	Inc-ARNTL-1 LNCipedia (Inc-ARNTL-1 NONHSAT0: chr11	13710724	13715843 +
TC1100000568.oe.1	-3.59	-1.84	3.59	down	6.84	8.68	Inc-ZNF408- NONCODE (Inc-ZNF408- NONHSAT0: chr11	46723180	46726064 +
TC1100000643.oe.1	-2.05	-1.04	2.05	down	11.11	12.15	Inc-CLP1-2 LNCipedia (Inc-CLP1-2: NONHSAT0: chr11	57602045	57614453 +
TC1100000817.oe.1	2.66	1.41	2.66	up	8.27	6.86	CMB9-22P1: N/A --- --- chr11	65455258	65466720 +
TC1100000920.oe.1	2.20	1.13	2.20	up	8.66	7.52	Inc-NDUFV1 NONCODE (Inc-NDUFV1 NONHSAT0: chr11	67620004	67627393 +
TC1100001171.oe.1	2.34	1.23	2.34	up	10.00	8.78	Inc-PCF11-2 LNCipedia (Inc-PCF11-2 NONHSAT0: chr11	83209399	83209634 +
TC1100001262.oe.1	2.96	1.56	2.96	up	11.07	9.51	Inc-C11orf5- LNCipedia (Inc-C11orf5- NONHSAT0: chr11	93691681	93695620 +
TC1100001388.oe.1	2.07	1.05	2.07	up	5.06	4.01	Inc-PTS-5 LNCipedia (Inc-PTS-5:1 NONHSAT0: chr11	1.12E+08	112218157 +
TC1100001414.oe.1	3.14	1.65	3.14	up	8.18	6.53	Inc-ZBTB16- LNCipedia (Inc-ZBTB16- NONHSAT0: chr11	1.14E+08	114309729 +
TC1100001438.oe.1	-2.09	-1.06	2.09	down	11.26	12.32	Inc-PAFAH1 LNCipedia (Inc-PAFAH1 NONHSAT0: chr11	1.17E+08	116833067 +
TC1100001446.oe.1	-2.15	-1.10	2.15	down	8.27	9.37	Inc-PAFAH1 LNCipedia (Inc-PAFAH1 NONHSAT0: chr11	1.17E+08	117182540 +
TC1100001513.oe.1	3.04	1.60	3.04	up	8.14	6.54	Inc-POU2F3 LNCipedia (Inc-POU2F3 NONHSAT0: chr11	1.2E+08	120327641 +
TC1100001524.oe.1	-3.26	-1.71	3.26	down	10.21	11.92	Inc-SC5DL-2 LNCipedia (Inc-SC5DL-2 NONHSAT0: chr11	1.22E+08	121558773 +
TC1100001525.oe.1	-4.74	-2.24	4.74	down	6.30	8.55	Inc-SC5DL-3 NONCODE (Inc-SC5DL-3 NONHSAT0: chr11	1.22E+08	121632240 +
TC1100001538.oe.1	-2.48	-1.31	2.48	down	4.29	5.60	Inc-CRTAM- NONCODE (Inc-CRTAM- NONHSAT0: chr11	1.23E+08	122947524 +
TC1100001561.oe.1	2.27	1.18	2.27	up	5.53	4.35	Inc-OR10D3 LNCipedia (Inc-OR10D3 --- chr11	1.24E+08	124271078 +
TC1100001786.oe.1	2.05	1.04	2.05	up	11.63	10.59	Inc-RHOG-3 LNCipedia (Inc-RHOG-3 NONHSAT0: chr11	3760141	3762960 -
TC1100001975.oe.1	2.21	1.15	2.21	up	5.97	4.83	Inc-SAA2-1 SAA2-SAA4 Inc-SAA2-1: --- chr11	18231423	18248635 -
TC1100002033.oe.1	2.05	1.03	2.05	up	9.95	8.92	Inc-BDNF-6 LNCipedia (Inc-BDNF-6 NONHSAT0: chr11	28084274	28088580 -
TC1100002034.oe.1	2.20	1.14	2.20	up	7.57	6.43	Inc-BDNF-7 NONCODE (Inc-BDNF-7 NONHSAT0: chr11	28097332	28108145 -
TC1100002103.oe.1	-2.07	-1.05	2.07	down	3.52	4.57	Inc-ELF5-1 LNCipedia (Inc-ELF5-1:1 --- chr11	34462056	34468510 -
TC1100002184.oe.1	-2.11	-1.08	2.11	down	10.86	11.94	Inc-PEX16-2 LNCipedia (Inc-PEX16-2 NONHSAT0: chr11	45938219	45953615 -
TC1100002333.oe.1	-2.23	-1.16	2.23	down	3.13	4.28	Inc-CPSF7-5 LNCipedia (Inc-CPSF7-5 NONHSAT0: chr11	61547167	61556137 -
TC1100002449.oe.1	-2.04	-1.03	2.04	down	4.08	5.11	Inc-LTBP3-8 NONCODE (Inc-LTBP3-8 NONHSAT0: chr11	65379458	65380989 -
TC1100002591.oe.1	2.13	1.09	2.13	up	5.35	4.26	Inc-NUMA1 LNCipedia (Inc-NUMA1 --- chr11	71916326	71916808 -

TC1100002673.oe.1	2.07	1.05	2.07	up	4.48	3.44	lnc-WNT11- LNCipedia lnc-WNT11- NONHSAT0: chr11	75942129	75942435 -
TC1100002764.oe.1	2.13	1.09	2.13	up	4.67	3.58	lnc-AP00097 NONCODE c lnc-AP00097 NONHSAT0: chr11	85757760	85811140 -
TC1100002796.oe.1	-2.14	-1.10	2.14	down	6.61	7.71	lnc-GRM5-1 LNCipedia lnc-GRM5-1 NONHSAT0: chr11	89326361	89336083 -
TC1100002797.oe.1	-3.01	-1.59	3.01	down	8.57	10.17	lnc-TRIM49- NONCODE c lnc-TRIM49- NONHSAT0: chr11	89443421	89491394 -
TC1100002827.oe.1	-2.89	-1.53	2.89	down	6.86	8.39	lnc-SLC36A4 LNCipedia lnc-SLC36A4 NONHSAT0: chr11	93144175	93146492 -
TC1100002844.oe.1	2.01	1.01	2.01	up	7.65	6.64	lnc-GPR83-4 LNCipedia lnc-GPR83-4 NONHSAT0: chr11	94478761	94493849 -
TC1100002931.oe.1	2.02	1.02	2.02	up	7.22	6.20	lnc-ALKBH8 NONCODE c lnc-ALKBH8 NONHSAT0: chr11	1.07E+08	107353730 -
TC1100003064.oe.1	2.15	1.11	2.15	up	9.57	8.46	lnc-MPZL3-1 NONCODE c lnc-MPZL3-1 NONHSAT0: chr11	1.18E+08	118257660 -
TC1100003065.oe.1	2.27	1.18	2.27	up	7.98	6.80	lnc-MPZL3-1 LNCipedia lnc-MPZL3-1 NONHSAT0: chr11	1.18E+08	118264386 -
TC1100003141.oe.1	3.39	1.76	3.39	up	17.67	15.91	lnc-CLMP-3 LNCipedia lnc-CLMP-3 NONHSAT0: chr11	1.23E+08	123062136 -
TC1100003216.oe.1	2.75	1.46	2.75	up	8.33	6.88	lnc-RP11-89 LNCipedia lnc-RP11-89 NONHSAT0: chr11	1.31E+08	130758600 -
TC1200000113.oe.1	2.17	1.12	2.17	up	11.18	10.07	lnc-GAPDH- LNCipedia lnc-GAPDH- NONHSAT0: chr12	6529260	6530730 +
TC1200000289.oe.1	-2.03	-1.02	2.03	down	3.04	4.06	lnc-MGST1- LNCipedia lnc-MGST1- --- chr12	16311894	16338471 +
TC1200000323.oe.1	2.04	1.03	2.04	up	4.57	3.54	lnc-PLEKHA1 gene_id XLC lnc-PLEKHA1 NONHSAT0: chr12	19671159	19673258 +
TC1200000327.oe.1	-3.97	-1.99	3.97	down	6.16	8.15	lnc-SLCO1C LNCipedia lnc-SLCO1C NONHSAT0: chr12	20682297	20684072 +
TC1200000331.oe.1	-2.26	-1.18	2.26	down	4.61	5.79	lnc-RP11-12 LNCipedia lnc-RP11-12 NONHSAT0: chr12	21131207	21197096 +
TC1200000342.oe.1	-2.23	-1.15	2.23	down	2.91	4.07	lnc-ETNK1-1 LNCipedia lnc-ETNK1-1 --- chr12	22557239	22557503 +
TC1200000370.oe.1	2.14	1.10	2.14	up	4.01	2.91	RP11-29515: N/A --- chr12	25225103	25225665 +
TC1200000536.oe.1	-2.09	-1.06	2.09	down	10.09	11.16	lnc-ARID2-1 LNCipedia lnc-ARID2-1 NONHSAT0: chr12	46358351	46360617 +
TC1200000641.oe.1	2.04	1.03	2.04	up	4.41	3.39	lnc-ANKRD3 LNCipedia lnc-ANKRD3 --- chr12	51751554	51751904 +
TC1200000672.oe.1	2.43	1.28	2.43	up	14.83	13.55	lnc-EIF4B-5 LNCipedia lnc-EIF4B-5: NONHSAT0: chr12	52951496	52952278 +
TC1200000707.oe.1	2.04	1.03	2.04	up	5.54	4.51	RP11-834C1 uncharacteri lnc-HOXC4- NONHSAT0: chr12	54126071	54132909 +
TC1200000712.oe.1	-2.32	-1.22	2.32	down	2.50	3.71	NONHSAGO NONCODE c lnc-HNRNP1 NONHSAT0: chr12	54262615	54279063 +
TC1200000755.oe.1	-2.03	-1.02	2.03	down	6.89	7.91	lnc-RP11-6C NONCODE c lnc-RP11-6C NONHSAT0: chr12	56094522	56095527 +
TC1200000783.oe.1	-2.26	-1.17	2.26	down	8.22	9.39	lnc-NXPH4- LNCipedia lnc-NXPH4- NONHSAT0: chr12	57200274	57201153 +
TC1200000920.oe.1	2.07	1.05	2.07	up	12.49	11.44	lnc-SLC35E3 NONCODE c lnc-SLC35E3 NONHSAT0: chr12	68709223	68714378 +
TC1200000954.oe.1	5.03	2.33	5.03	up	6.80	4.47	lnc-THAP2-1 NONCODE c lnc-THAP2-1 NONHSAT0: chr12	71567262	71573027 +
TC1200001127.oe.1	2.77	1.47	2.77	up	7.92	6.45	lnc-VEZT-2 NONCODE c lnc-VEZT-2: NONHSAT0: chr12	95308515	95310637 +
TC1200001134.oe.1	2.02	1.02	2.02	up	4.41	3.39	lnc-RP11-53 LNCipedia lnc-RP11-53 NONHSAT0: chr12	95865079	95866451 +
TC1200001178.oe.1	-2.08	-1.06	2.08	down	5.83	6.89	lnc-UTP20-3 LNCipedia lnc-UTP20-3 NONHSAT0: chr12	1.01E+08	101086813 +
TC1200001194.oe.1	2.05	1.04	2.05	up	9.60	8.56	lnc-DRAM1- NONCODE c lnc-DRAM1- NONHSAT0: chr12	1.02E+08	102197361 +
TC1200001272.oe.1	-2.15	-1.11	2.15	down	6.48	7.58	lnc-UBE3B-1 NONCODE c lnc-UBE3B-1 NONHSAT0: chr12	1.1E+08	109587099 +
TC1200001330.oe.1	-2.06	-1.05	2.06	down	3.34	4.39	lnc-RPH3A-1 LNCipedia lnc-RPH3A- --- chr12	1.13E+08	112580012 +
TC1200001653.oe.1	2.14	1.09	2.14	up	7.66	6.56	lnc-PXMP2- LNCipedia lnc-PXMP2- NONHSAT0: chr12	1.33E+08	132721084 +
TC1200001825.oe.1	-3.65	-1.87	3.65	down	14.92	16.79	lnc-SLC2A14 LNCipedia lnc-SLC2A14 NONHSAT0: chr12	7919231	7919750 -
TC1200001827.oe.1	-2.82	-1.49	2.82	down	10.68	12.18	lnc-SLC2A14 NONCODE c lnc-SLC2A14 NONHSAT0: chr12	7932646	7936187 -
TC1200001843.oe.1	2.32	1.21	2.32	up	4.86	3.65	NONHSAGO A2ML1 antis lnc-M6PR-3 NONHSAT0: chr12	8776219	8830947 -
TC1200001870.oe.1	3.27	1.71	3.27	up	4.61	2.90	lnc-CLEC2A NONCODE c lnc-CLEC2A NONHSAT0: chr12	9856901	9869386 -
TC1200001887.oe.1	2.93	1.55	2.93	up	9.40	7.85	lnc-STYK1-1 LNCipedia lnc-STYK1-1 NONHSAT0: chr12	10699317	10704438 -
TC1200001892.oe.1	2.21	1.15	2.21	up	5.08	3.93	lnc-TAS2R4f LNCipedia lnc-TAS2R4f NONHSAT0: chr12	11048332	11049256 -
TC1200001905.oe.1	2.02	1.02	2.02	up	9.48	8.47	lnc-AC00762 NONCODE c lnc-AC00762 NONHSAT0: chr12	12477886	12506187 -
TC1200002098.oe.1	2.01	1.01	2.01	up	9.88	8.87	lnc-ABCD2- NONCODE c lnc-ABCD2- NONHSAT0: chr12	39333037	39337541 -
TC1200002130.oe.1	-2.25	-1.17	2.25	down	2.97	4.14	NONHSAGO NONCODE c lnc-NELL2-1 NONHSAT0: chr12	44244394	44263982 -
TC1200002149.oe.1	-2.08	-1.06	2.08	down	13.57	14.63	lnc-SLC38A1 LNCipedia lnc-SLC38A1 NONHSAT0: chr12	46187791	46188040 -
TC1200002220.oe.1	2.31	1.21	2.31	up	8.11	6.91	lnc-LMBR1L LNCipedia lnc-LMBR1L NONHSAT0: chr12	49128981	49131395 -
TC1200002263.oe.1	-2.09	-1.06	2.09	down	3.29	4.36	NONHSAGO NONCODE c lnc-KRT80-6 NONHSAT0: chr12	51809705	51810600 -
TC1200002339.oe.1	2.11	1.07	2.11	up	8.78	7.70	lnc-GTSF1-2 LNCipedia lnc-GTSF1-2 NONHSAT0: chr12	54464697	54473602 -
TC1200002394.oe.1	2.22	1.15	2.22	up	7.03	5.88	lnc-MIP-3 LNCipedia lnc-MIP-3:1 NONHSAT0: chr12	56418290	56421090 -
TC1200002413.oe.1	-2.67	-1.42	2.67	down	3.13	4.54	lnc-TMEM15 LNCipedia lnc-TMEM15 NONHSAT0: chr12	57096243	57097290 -

TC1200002490.oe.1	-2.29	-1.20	2.29	down	9.83	11.03	Inc-LLPH-3 NONCODE c Inc-LLPH-3: NONHSAT0: chr12	66137829	66138937 -
TC1200002547.oe.1	2.23	1.16	2.23	up	7.13	5.97	Inc-TSPAN8 LNCipedia lc Inc-TSPAN8 NONHSAT0: chr12	71610110	71611286 -
TC1200002586.oe.1	-2.29	-1.20	2.29	down	2.79	3.99	Inc-OSBPL8 LNCipedia lc Inc-OSBPL8 NONHSAT0: chr12	76581285	76581949 -
TC1200002714.oe.1	2.51	1.33	2.51	up	5.24	3.92	Inc-NTN4-2 LNCipedia lc Inc-NTN4-2 NONHSAT0: chr12	95524520	95529000 -
TC1200002767.oe.1	-2.28	-1.19	2.28	down	3.48	4.67	Inc-ANKS1B LNCipedia lc Inc-ANKS1B NONHSAT0: chr12	1E+08	100054526 -
TC1200002960.oe.1	-2.12	-1.08	2.12	down	7.42	8.51	Inc-C12orf4: NONCODE c Inc-C12orf4: NONHSAT0: chr12	1.16E+08	115972465 -
TC1200002963.oe.1	2.07	1.05	2.07	up	4.42	3.37	OTTHUMG0 LNCipedia lc Inc-C12orf4: NONHSAT0: chr12	1.16E+08	116181295 -
TC1200003017.oe.1	2.50	1.32	2.50	up	7.59	6.27	Inc-RAB35-: LNCipedia lc Inc-RAB35-: NONHSAT0: chr12	1.2E+08	119711011 -
TC1200003066.oe.1	-2.19	-1.13	2.19	down	8.75	9.88	Inc-RSRC2-1 NONCODE c Inc-RSRC2-1 NONHSAT0: chr12	1.22E+08	122483690 -
TC12000540.hg.4	2.11	1.08	2.11	up	5.07	3.99	AGAP2-AS1 AGAP2 antis --- --- chr12	57726240	57728356 +
TC12001418.hg.4	2.41	1.27	2.41	up	4.50	3.23	RACGAP1P Rac GTPase --- --- chr12	45062618	45065411 -
TC1300000023.oe.1	2.65	1.41	2.65	up	8.35	6.94	Inc-MPHOS1 LNCipedia lc Inc-MPHOS1 NONHSAT0: chr13	19605592	19624904 +
TC1300000168.oe.1	-2.44	-1.28	2.44	down	4.67	5.95	Inc-MTUS2- LNCipedia lc Inc-MTUS2- --- chr13	29509415	29514078 +
TC1300000198.oe.1	2.29	1.20	2.29	up	8.10	6.90	Inc-FRY-3 LNCipedia lc Inc-FRY-3:1 NONHSAT0: chr13	32396809	32398448 +
TC1300000236.oe.1	2.07	1.05	2.07	up	7.45	6.40	Inc-EXOSC8 NONCODE c Inc-EXOSC8 NONHSAT0: chr13	37009511	37009732 +
TC1300000266.oe.1	-2.01	-1.01	2.01	down	3.09	4.09	Inc-SLC25A1 LNCipedia lc Inc-SLC25A1 NONHSAT0: chr13	40298223	40299505 +
TC1300000501.oe.1	-2.02	-1.01	2.02	down	2.36	3.37	LINC01052/ NONCODE c Inc-AL4459E NONHSAT0: chr13	65866063	65878219 +
TC1300000672.oe.1	2.04	1.03	2.04	up	3.91	2.88	Inc-GPC6-3 LNCipedia lc Inc-GPC6-3: --- chr13	91854657	91855926 +
TC1300000704.oe.1	2.02	1.01	2.02	up	7.17	6.16	RP11-128N1N/A --- --- chr13	97435946	97436168 +
TC1300000934.oe.1	-2.25	-1.17	2.25	down	3.28	4.45	Inc-ZMYM5 LNCipedia lc Inc-ZMYM5 NONHSAT0: chr13	19899833	19919690 -
TC1300000988.oe.1	2.26	1.18	2.26	up	4.86	3.68	Inc-FAM123 LNCipedia lc Inc-FAM123 NONHSAT0: chr13	24885290	24886079 -
TC1300001028.oe.1	-4.61	-2.21	4.61	down	4.16	6.37	Inc-SLC46A: LNCipedia lc Inc-SLC46A: NONHSAT0: chr13	28700064	28704557 -
TC1300001125.oe.1	2.13	1.09	2.13	up	14.08	12.99	Inc-STOML3 NONCODE c Inc-STOML3 NONHSAT0: chr13	39029032	39037294 -
TC1300001179.oe.1	-2.03	-1.02	2.03	down	14.27	15.30	RP11-5G9.6 N/A --- --- chr13	43894725	43895182 -
TC1300001234.oe.1	2.85	1.51	2.85	up	7.41	5.89	Inc-RCBTB2 LNCipedia lc Inc-RCBTB2 NONHSAT0: chr13	48411741	48412489 -
TC1300001249.oe.1	2.30	1.20	2.30	up	5.37	4.17	Inc-AL13621 LNCipedia lc Inc-AL13621 NONHSAT0: chr13	49418934	49425841 -
TC1300001389.oe.1	2.10	1.07	2.10	up	9.38	8.31	Inc-DIS3-4 LNCipedia lc Inc-DIS3-4:1 NONHSAT0: chr13	73093626	73100948 -
TC1300001580.oe.1	-2.48	-1.31	2.48	down	4.19	5.50	Inc-C13orf2 LNCipedia lc Inc-C13orf2 NONHSAT0: chr13	1.03E+08	102793678 -
TC13000354.hg.4	2.39	1.26	2.39	up	4.33	3.07	FKSG29 FKSG29 --- --- chr13	99351420	99352027 +
TC13000675.hg.4	2.01	1.00	2.01	up	4.51	3.51	GUCY1B2 guanylate cy --- --- chr13	50994511	51080862 -
TC1400000032.oe.1	2.79	1.48	2.79	up	8.61	7.13	Inc-APEX1-: LNCipedia lc Inc-APEX1-: NONHSAT0: chr14	20476489	20477087 +
TC1400000353.oe.1	-3.12	-1.64	3.12	down	8.01	9.65	Inc-ARF6-3 LNCipedia lc Inc-ARF6-3: NONHSAT0: chr14	49894417	49897054 +
TC1400000511.oe.1	-2.36	-1.24	2.36	down	7.10	8.34	Inc-C14orf1 LNCipedia lc Inc-C14orf1: NONHSAT0: chr14	60296402	60299085 +
TC1400000542.oe.1	2.03	1.02	2.03	up	13.27	12.25	Inc-SYNE2-: NONCODE c Inc-SYNE2-: NONHSAT0: chr14	63601509	63601814 +
TC1400000600.oe.1	-2.23	-1.16	2.23	down	3.50	4.66	RP11-817G1N/A --- --- chr14	69154311	69154804 +
TC1400000623.oe.1	-2.19	-1.13	2.19	down	4.51	5.64	Inc-ADAM2 LNCipedia lc Inc-ADAM2: NONHSAT0: chr14	70366854	70373093 +
TC1400000676.oe.1	-2.03	-1.02	2.03	down	3.57	4.59	Inc-PTGR2-2 LNCipedia lc Inc-PTGR2-2: --- chr14	73904552	73904850 +
TC1400000847.oe.1	-2.14	-1.10	2.14	down	2.81	3.91	Inc-GOLGA5 LNCipedia lc Inc-GOLGA5 NONHSAT0: chr14	92926101	92927589 +
TC1400000858.oe.1	2.44	1.29	2.44	up	4.64	3.36	Inc-IFI27-2 LNCipedia lc Inc-IFI27-2:1 --- chr14	94227390	94249686 +
TC1400000888.oe.1	2.04	1.03	2.04	up	9.10	8.07	Inc-BDKRB1 NONCODE c Inc-BDKRB1 NONHSAT0: chr14	96223108	96223347 +
TC1400001139.oe.1	2.16	1.11	2.16	up	5.77	4.66	NONHSAG0 LNCipedia lc Inc-SALL2-1 NONHSAT0: chr14	21507893	21511342 -
TC1400001161.oe.1	2.02	1.01	2.02	up	12.43	11.42	Inc-RBM23 NONCODE c Inc-RBM23 NONHSAT0: chr14	22926481	22929394 -
TC1400001337.oe.1	2.28	1.19	2.28	up	4.03	2.84	Inc-CLEC14 LNCipedia lc Inc-CLEC14: --- chr14	37907394	37960543 -
TC1400001404.oe.1	-2.15	-1.10	2.15	down	4.06	5.17	Inc-NEMF-1 gene_id XLC Inc-NEMF-1 NONHSAT0: chr14	49861876	49864465 -
TC1400001716.oe.1	-2.69	-1.43	2.69	down	9.72	11.15	Inc-FAM161 LNCipedia lc Inc-FAM161 NONHSAT0: chr14	73963230	73965055 -
TC1400002034.oe.1	2.72	1.44	2.72	up	15.85	14.41	Inc-MOK-7 NONCODE c Inc-MOK-7: NONHSAT0: chr14	1.02E+08	102084798 -
TC1400002035.oe.1	2.28	1.19	2.28	up	4.86	3.67	Inc-MOK-6 LNCipedia lc Inc-MOK-6: NONHSAT0: chr14	1.02E+08	102085707 -
TC1500000004.oe.1	2.08	1.05	2.08	up	6.36	5.30	Inc-OR4M2 NONCODE c Inc-OR4M2 NONHSAT0: chr15	20282741	20291586 +
TC1500000071.oe.1	-2.46	-1.30	2.46	down	9.44	10.74	Inc-SNRPN NONCODE c Inc-SNRPN NONHSAT0: chr15	24991486	24991753 +

TC1500000072.oe.1	-2.35	-1.23	2.35	down	7.29	8.52	Inc-SNRPN- NONCODE c Inc-SNRPN- NONHSAT0 chr15	24993775	24994849 +
TC1500000233.oe.1	2.05	1.04	2.05	up	3.79	2.75	Inc-C15orf5 NONCODE c Inc-C15orf5 NONHSAT0 chr15	39588848	39589843 +
TC1500000235.oe.1	2.48	1.31	2.48	up	8.24	6.93	Inc-EIF2AK4 LNCipedia lc Inc-EIF2AK4 NONHSAT0 chr15	39594068	39595551 +
TC1500000247.oe.1	2.18	1.12	2.18	up	11.78	10.65	Inc-PAK6-2 NONCODE c Inc-PAK6-2 NONHSAT0 chr15	40200038	40206274 +
TC1500000261.oe.1	2.48	1.31	2.48	up	10.77	9.46	Inc-IVD-2 LNCipedia lc Inc-IVD-2:1 NONHSAT0 chr15	40389808	40392000 +
TC1500000341.oe.1	-2.06	-1.04	2.06	down	8.75	9.79	Inc-CTDSP1 NONCODE c Inc-CTDSP1 NONHSAT0 chr15	44380864	44382229 +
TC1500000367.oe.1	2.57	1.36	2.57	up	4.69	3.32	Inc-C15orf4 LNCipedia lc Inc-C15orf4 NONHSAT0 chr15	45507404	45508017 +
TC1500000464.oe.1	2.19	1.13	2.19	up	5.44	4.31	Inc-UNC13C LNCipedia lc Inc-UNC13C --- chr15	54920619	54920916 +
TC1500000514.oe.1	-2.18	-1.13	2.18	down	7.36	8.49	Inc-RNF111 LNCipedia lc Inc-RNF111 NONHSAT0 chr15	58855827	58857551 +
TC1500000611.oe.1	2.57	1.36	2.57	up	11.51	10.14	Inc-MAP2K1 LNCipedia lc Inc-MAP2K1 NONHSAT0 chr15	66523511	66528909 +
TC1500000623.oe.1	2.10	1.07	2.10	up	4.21	3.13	Inc-SMAD3 LNCipedia lc Inc-SMAD3 NONHSAT0 chr15	67255037	67279451 +
TC1500000841.oe.1	2.97	1.57	2.97	up	6.41	4.84	Inc-MESDC1 LNCipedia lc Inc-MESDC1 NONHSAT0 chr15	80946944	80949162 +
TC1500000999.oe.1	2.35	1.24	2.35	up	8.98	7.75	Inc-CRTC3-1 NONCODE c Inc-CRTC3-1 NONHSAT0 chr15	90747390	90749960 +
TC1500001114.oe.1	2.09	1.06	2.09	up	5.06	4.00	RP11-3501 N/A --- chr15	98660210	98660668 +
TC1500001274.oe.1	2.38	1.25	2.38	up	6.17	4.92	NONHSAG0 NONCODE c Inc-RP11-3E NONHSAT0 chr15	30564940	30625773 -
TC15000013.hg.4	-2.12	-1.08	2.12	down	3.47	4.55	LINC01193 long interge --- chr15	20940438	20993304 +
TC1500001384.oe.1	2.45	1.29	2.45	up	5.12	3.83	Inc-FAM82A LNCipedia lc Inc-FAM82A NONHSAT0 chr15	40547432	40548964 -
TC1500001563.oe.1	2.35	1.23	2.35	up	5.57	4.34	CTD-2650P2 N/A --- chr15	52017167	52018032 -
TC1500001611.oe.1	2.44	1.29	2.44	up	7.40	6.11	Inc-MNS1-4 LNCipedia lc Inc-MNS1-4 NONHSAT0 chr15	56421544	56434207 -
TC1500001783.oe.1	2.14	1.10	2.14	up	6.33	5.23	NONHSAG0 NONCODE c Inc-AAGAB- NONHSAT0 chr15	67540787	67542604 -
TC1500001825.oe.1	2.86	1.52	2.86	up	6.80	5.28	RP11-138H N/A --- chr15	70758269	70758856 -
TC1500001943.oe.1	2.08	1.05	2.08	up	5.49	4.44	Inc-PEAK1.1 LNCipedia lc Inc-PEAK1.1 NONHSAT0 chr15	77069867	77071092 -
TC1500002126.oe.1	-2.36	-1.24	2.36	down	4.77	6.00	OTTHUMG0 LNCipedia lc Inc-IDH2-1: NONHSAT0 chr15	90074512	90082207 -
TC1500002142.oe.1	2.08	1.05	2.08	up	11.23	10.18	Inc-VPS33B LNCipedia lc Inc-VPS33B NONHSAT0 chr15	90981510	90994510 -
TC15000030.hg.4	2.72	1.44	2.72	up	5.63	4.19	GOLGA8I golgin A8 fa --- chr15	22604272	22617853 -
TC15000393.hg.4	3.19	1.67	3.19	up	8.41	6.74	GABPB1-AS: GABPB1 anti --- chr15	50354174	50367439 +
TC1600000003.oe.1	2.07	1.05	2.07	up	7.58	6.53	Inc-MPG-3 NONCODE c Inc-MPG-3: NONHSAT0 chr16	53899	57453 +
TC1600000122.oe.1	-2.09	-1.06	2.09	down	9.20	10.26	Inc-AMDHD LNCipedia lc Inc-AMDHD NONHSAT1 chr16	2565553	2571341 +
TC1600000237.oe.1	-2.76	-1.47	2.76	down	6.99	8.45	Inc-PMM2-5 N/A//LNCip lc Inc-PMM2-5 NONHSAT1 chr16	9104848	9113181 +
TC1600000419.oe.1	2.05	1.04	2.05	up	6.31	5.27	Inc-C16orf5 NONCODE c Inc-C16orf5 NONHSAT1 chr16	22008135	22087534 +
TC1600000447.oe.1	2.49	1.32	2.49	up	6.82	5.50	Inc-DCTN5 LNCipedia lc Inc-DCTN5 NONHSAT1 chr16	23687137	23688732 +
TC1600000889.oe.1	2.19	1.13	2.19	up	6.68	5.55	Inc-CETP-1/ NONCODE c Inc-CETP-1: NONHSAT1 chr16	56940278	56941726 +
TC1600001069.oe.1	-2.24	-1.16	2.24	down	11.86	13.03	Inc-WWP2-1 LNCipedia lc Inc-WWP2-1 NONHSAT1 chr16	69703065	69704652 +
TC1600001498.oe.1	2.51	1.33	2.51	up	5.55	4.23	Inc-C16orf4 LNCipedia lc Inc-C16orf4 NONHSAT0 chr16	1364174	1366148 -
TC1600001664.oe.1	-2.81	-1.49	2.81	down	3.66	5.15	NONHSAG0 LNCipedia lc Inc-USP7-1: NONHSAT1 chr16	9105834	9107174 -
TC1600001816.oe.1	4.91	2.30	4.91	up	5.65	3.36	Inc-C16orf8 LNCipedia lc Inc-C16orf8 NONHSAT1 chr16	19858971	19862340 -
TC1600001856.oe.1	-2.06	-1.04	2.06	down	4.50	5.54	Inc-COG7-2 NONCODE c Inc-COG7-2 NONHSAT1 chr16	23061406	23064173 -
TC1600002366.oe.1	2.22	1.15	2.22	up	5.44	4.29	NONHSAG0 LNCipedia lc Inc-ESRP2-3 NONHSAT1 chr16	68290087	68292790 -
TC1600002447.oe.1	2.20	1.14	2.20	up	4.92	3.78	AC009120.1 N/A --- chr16	74289593	74291052 -
TC1600002455.oe.1	2.44	1.29	2.44	up	9.20	7.92	Inc-MLKL-4 NONCODE c Inc-MLKL-4: NONHSAT1 chr16	74643979	74644637 -
TC1600002457.oe.1	2.03	1.02	2.03	up	6.56	5.54	Inc-MLKL-1 LNCipedia lc Inc-MLKL-1: NONHSAT1 chr16	74671857	74678413 -
TC1600002492.oe.1	-2.58	-1.37	2.58	down	3.23	4.60	RP11-264M: N/A//NONC Inc-ADAMT1 NONHSAT1 chr16	77741468	77763555 -
TC1600002518.oe.1	-2.06	-1.04	2.06	down	3.06	4.10	NONHSAG0 NONCODE c Inc-C16orf6 NONHSAT1 chr16	80627551	80628379 -
TC1700000096.oe.1	-2.06	-1.04	2.06	down	10.74	11.78	Inc-TM4SF5 NONCODE c Inc-TM4SF5 NONHSAT1 chr17	4771884	4783211 +
TC1700000422.oe.1	-2.40	-1.27	2.40	down	3.39	4.65	Inc-DHRS7B LNCipedia lc Inc-DHRS7B --- chr17	20878705	20880110 +
TC1700000443.oe.1	2.20	1.14	2.20	up	7.98	6.84	Inc-FAM27L LNCipedia lc Inc-FAM27L NONHSAT0 chr17	22331597	22332410 +
TC1700000755.oe.1	2.24	1.16	2.24	up	10.74	9.58	Inc-WIPF2-1 LNCipedia lc Inc-WIPF2-1 NONHSAT0 chr17	40291467	40295506 +
TC1700000826.oe.1	-2.64	-1.40	2.64	down	4.10	5.50	Inc-G6PC-1 LNCipedia lc Inc-G6PC-1: NONHSAT0 chr17	42914523	42915335 +
TC1700000847.oe.1	2.39	1.26	2.39	up	5.28	4.02	Inc-C17orf1 LNCipedia lc Inc-C17orf1 NONHSAT0 chr17	43680273	43705884 +

TC1700000979.oe.1	2.01	1.01	2.01	up	4.65	3.64	Inc-UBE2Z-2 LNCipedia	lc Inc-UBE2Z-2 NONHSAT0!	chr17	48944950	48945606	+
TC1700001006.oe.1	2.33	1.22	2.33	up	5.14	3.92	Inc-PDK2-1 LNCipedia	lc Inc-PDK2-1: NONHSAT0!	chr17	50086329	50090481	+
TC1700001037.oe.1	2.18	1.12	2.18	up	10.61	9.49	Inc-ABCC3-1 LNCipedia	lc Inc-ABCC3-1: NONHSAT0!	chr17	50751051	50752550	+
TC1700001070.oe.1	2.13	1.09	2.13	up	6.37	5.27	Inc-TOM1L1 LNCipedia	lc Inc-TOM1L1 ---	chr17	55035765	55036638	+
TC1700001073.oe.1	-2.33	-1.22	2.33	down	6.90	8.12	Inc-STXBP4- LNCipedia	lc Inc-STXBP4- NONHSAT0!	chr17	55161693	55164296	+
TC1700001074.oe.1	-2.22	-1.15	2.22	down	4.51	5.66	Inc-STXBP4- N/A//NONC	Inc-STXBP4- NONHSAT0!	chr17	55167759	55173723	+
TC1700001123.oe.1	2.30	1.20	2.30	up	10.95	9.74	Inc-RAD51C NONCODE	lc Inc-RAD51C NONHSAT0!	chr17	58709639	58734342	+
TC1700001174.oe.1	-2.25	-1.17	2.25	down	3.46	4.63	Inc-TBX4-2 LNCipedia	lc Inc-TBX4-2: ---	chr17	61761588	61761801	+
TC1700001284.oe.1	-2.94	-1.56	2.94	down	10.80	12.36	Inc-PRKAR1 LNCipedia	lc Inc-PRKAR1 NONHSAT0!	chr17	68532540	68532769	+
TC1700001295.oe.1	2.00	1.00	2.00	up	6.32	5.32	Inc-KCNJ16- LNCipedia	lc Inc-KCNJ16- NONHSAT0!	chr17	69536066	69542011	+
TC1700001381.oe.1	-2.13	-1.09	2.13	down	4.69	5.78	Inc-C17orf1 LNCipedia	lc Inc-C17orf1: ---	chr17	75646566	75647975	+
TC1700001437.oe.1	2.41	1.27	2.41	up	7.07	5.80	Inc-AFMID-: NONCODE	lc Inc-AFMID-: NONHSAT0!	chr17	78214365	78223856	+
TC1700001746.oe.1	2.01	1.01	2.01	up	8.71	7.70	Inc-KIAA075 NONCODE	lc Inc-KIAA075 NONHSAT1	chr17	6649889	6651575	-
TC1700001804.oe.1	2.29	1.19	2.29	up	11.29	10.09	Inc-C17orf5 LNCipedia	lc Inc-C17orf5: NONHSAT1	chr17	8206493	8208225	-
TC1700001988.oe.1	-2.14	-1.10	2.14	down	5.13	6.23	RP11-81519: NONCODE	lc Inc-TBC1D2: NONHSAT1	chr17	18667629	18669461	-
TC1700002069.oe.1	2.04	1.03	2.04	up	7.34	6.31	Inc-NOS2-1 NONCODE	lc Inc-NOS2-1 NONHSAT0!	chr17	27350232	27353832	-
TC1700002471.oe.1	2.14	1.10	2.14	up	5.40	4.30	Inc-CCDC43 LNCipedia	lc Inc-CCDC43 NONHSAT0!	chr17	44673688	44676257	-
TC1700002622.oe.1	-3.62	-1.85	3.62	down	6.13	7.98	Inc-TOB1-4 LNCipedia	lc Inc-TOB1-4: NONHSAT0!	chr17	50964149	50965494	-
TC1700002679.oe.1	2.31	1.21	2.31	up	6.14	4.93	RP11-159D1 gene_id	XLC Inc-VEZF1-1 NONHSAT0!	chr17	57989039	57994850	-
TC1700002693.oe.1	2.03	1.02	2.03	up	8.60	7.57	Inc-RNF43-1 LNCipedia	lc Inc-RNF43-: NONHSAT0!	chr17	58417013	58417595	-
TC1700002777.oe.1	-2.37	-1.24	2.37	down	6.39	7.63	Inc-ERN1-1 NONCODE	lc Inc-ERN1-1: NONHSAT0!	chr17	64039150	64041843	-
TC1700002778.oe.1	-2.05	-1.04	2.05	down	5.78	6.81	Inc-ICAM2-: LNCipedia	lc Inc-ICAM2-: NONHSAT0!	chr17	64053967	64054767	-
TC1700002812.oe.1	-2.39	-1.26	2.39	down	7.25	8.51	Inc-HELZ-4 LNCipedia	lc Inc-HELZ-4: NONHSAT0!	chr17	67070438	67077374	-
TC1700002911.oe.1	2.06	1.05	2.06	up	12.22	11.17	Inc-HN1-3 LNCipedia	lc Inc-HN1-3:1 NONHSAT0!	chr17	75147538	75168261	-
TC1700002941.oe.1	-2.26	-1.18	2.26	down	9.03	10.20	Inc-FBF1-3 LNCipedia	lc Inc-FBF1-3:1 NONHSAT0!	chr17	75942879	75943576	-
TC17000352.hg.4	-2.04	-1.03	2.04	down	9.87	10.90	AC005562.1 leucine rich	--- ---	chr17	30576465	30665698	+
TC1800000040.oe.1	2.89	1.53	2.89	up	11.82	10.29	Inc-EMILIN2 LNCipedia	lc Inc-EMILIN2 NONHSAT0!	chr18	2728414	2739465	+
TC1800000061.oe.1	2.13	1.09	2.13	up	7.41	6.31	Inc-AP00247 LNCipedia	lc Inc-AP00247 NONHSAT0!	chr18	3653410	3656282	+
TC1800000259.oe.1	-2.40	-1.26	2.40	down	4.26	5.52	NONHSAGO NONCODE	lc Inc-CABYR-: NONHSAT0!	chr18	24114340	24115032	+
TC1800000348.oe.1	2.26	1.18	2.26	up	4.92	3.74	Inc-ZNF397 LNCipedia	lc Inc-ZNF397- NONHSAT0!	chr18	35322431	35326981	+
TC1800000495.oe.1	2.67	1.42	2.67	up	8.91	7.50	Inc-C18orf2 LNCipedia	lc Inc-C18orf2: NONHSAT0!	chr18	54828481	54888113	+
TC1800000627.oe.1	-2.39	-1.25	2.39	down	8.11	9.36	Inc-DOK6-3 LNCipedia	lc Inc-DOK6-3 NONHSAT0!	chr18	70327517	70330195	+
TC1800000672.oe.1	2.18	1.12	2.18	up	3.75	2.63	Inc-CNDP1- LNCipedia	lc Inc-CNDP1- ---	chr18	74694422	74739974	+
TC1800000907.oe.1	-2.12	-1.08	2.12	down	4.37	5.45	Inc-POTEC-: coxsackie vir	Inc-POTEC-: ---	chr18	14477955	14499278	-
TC1800000969.oe.1	-3.22	-1.69	3.22	down	3.71	5.39	RP11-799B1 N/A	--- ---	chr18	24135468	24135829	-
TC1800000994.oe.1	-2.03	-1.02	2.03	down	4.25	5.27	RP11-9E17.1 N/A	--- ---	chr18	26542971	26545791	-
TC1800001013.oe.1	3.77	1.91	3.77	up	9.29	7.38	Inc-DSC3-2 NONCODE	lc Inc-DSC3-2: NONHSAT0!	chr18	30157571	30175990	-
TC1800001034.oe.1	2.29	1.20	2.29	up	4.36	3.17	Inc-C18orf3 LNCipedia	lc Inc-C18orf3- ---	chr18	33516789	33517037	-
TC1800001106.oe.1	2.41	1.27	2.41	up	8.08	6.82	Inc-SYT4-7 LNCipedia	lc Inc-SYT4-7: NONHSAT0!	chr18	44320551	44321406	-
TC1800001246.oe.1	-2.55	-1.35	2.55	down	5.66	7.01	Inc-PIGN-6 LNCipedia	lc Inc-PIGN-6: NONHSAT0!	chr18	61808067	61809720	-
TC1800001264.oe.1	-2.64	-1.40	2.64	down	7.65	9.06	Inc-KDSR-1 LNCipedia	lc Inc-KDSR-1: NONHSAT0!	chr18	63327738	63328319	-
TC1800001294.oe.1	2.32	1.21	2.32	up	4.75	3.54	Inc-CD226- LNCipedia	lc Inc-CD226- NONHSAT0!	chr18	68697376	68700423	-
TC1800001368.oe.1	-2.08	-1.06	2.08	down	10.07	11.13	Inc-MBP-12 LNCipedia	lc Inc-MBP-12 NONHSAT0!	chr18	76360586	76360989	-
TC18000077.hg.4	2.32	1.22	2.32	up	6.37	5.15	ANKRD20A5 ankyrin repe	--- ---	chr18	14179097	14227050	+
TC1900000209.oe.1	4.00	2.00	4.00	up	10.06	8.06	Inc-TRIP10- LNCipedia	lc Inc-TRIP10- NONHSAT0!	chr19	6680178	6720562	+
TC1900000272.oe.1	2.17	1.12	2.17	up	5.93	4.81	NONHSAGO NONCODE	lc Inc-ZNF559- NONHSAT0!	chr19	9344784	9345898	+
TC1900000568.oe.1	2.33	1.22	2.33	up	5.78	4.57	Inc-ZNF85- LNCipedia	lc Inc-ZNF85- (NONHSAT0!	chr19	20964835	20965194	+
TC1900000581.oe.1	2.03	1.02	2.03	up	6.31	5.29	Inc-ZNF738- LNCipedia	lc Inc-ZNF738- NONHSAT0!	chr19	21411940	21414599	+
TC1900000642.oe.1	3.05	1.61	3.05	up	6.46	4.85	Inc-ZNF726- NONCODE	lc Inc-ZNF726- NONHSAT0!	chr19	24104186	24107352	+

TC1900000742.oe.1	2.11	1.08	2.11	up	4.19	3.11	lnc-ZNF30-4 LNCipedia	lnc-ZNF30-4 ---	chr19	34948790	34949061 +
TC1900000760.oe.1	-2.00	-1.00	2.00	down	2.93	3.93	lnc-MAG-1 LNCipedia	lnc-MAG-1: NONHSAT0f	chr19	35329187	35329928 +
TC1900000817.oe.1	2.02	1.02	2.02	up	6.79	5.78	lnc-ZNF382 LNCipedia	lnc-ZNF382: ---	chr19	36580255	36583605 +
TC1900000844.oe.1	2.14	1.10	2.14	up	6.56	5.47	lnc-ZNF570 LNCipedia	lnc-ZNF570: NONHSAT0f	chr19	37508265	37543296 +
TC1900001026.oe.1	-2.37	-1.25	2.37	down	8.47	9.72	lnc-APOC4- NONCODE	lnc-APOC4- NONHSAT0f	chr19	44942238	44949565 +
TC1900001146.oe.1	2.20	1.14	2.20	up	9.62	8.48	lnc-LIN7B-2 LNCipedia	lnc-LIN7B-2 NONHSAT0f	chr19	49085433	49086443 +
TC1900001604.oe.1	2.14	1.10	2.14	up	7.10	6.01	NONHSAGO NONCODE	lnc-C19orf1f NONHSAT0f	chr19	4654964	4655524 -
TC1900001653.oe.1	8.20	3.04	8.20	up	10.51	7.47	CTD-3128G: N/A	---	chr19	6716386	6717742 -
TC1900001739.oe.1	2.33	1.22	2.33	up	9.76	8.54	lnc-ANGPTL LNCipedia	lnc-ANGPTL NONHSAT0f	chr19	10116901	10117590 -
TC1900001958.oe.1	2.01	1.01	2.01	up	6.46	5.45	lnc-HOMER: NONCODE	lnc-HOMER: NONHSAT0f	chr19	18990893	18993713 -
TC1900002024.oe.1	2.28	1.19	2.28	up	7.32	6.13	lnc-ZNF43-1 NONCODE	lnc-ZNF43-1: NONHSAT0f	chr19	21843320	21852030 -
TC1900002040.oe.1	2.02	1.02	2.02	up	5.93	4.91	lnc-ZNF98-7 NONCODE	lnc-ZNF98-7: NONHSAT0f	chr19	22501699	22501948 -
TC1900002124.oe.1	-2.02	-1.01	2.02	down	7.89	8.91	lnc-CEP89-4 LNCipedia	lnc-CEP89-4 NONHSAT0f	chr19	32994022	32996461 -
TC1900002225.oe.1	2.82	1.49	2.82	up	7.75	6.25	lnc-ZNF790 NONCODE	lnc-ZNF790 NONHSAT0f	chr19	36761495	36762617 -
TC1900002398.oe.1	2.00	1.00	2.00	up	4.81	3.81	lnc-ZNF235 NONCODE	lnc-ZNF235: NONHSAT0f	chr19	44140601	44141494 -
TC1900002411.oe.1	-3.36	-1.75	3.36	down	8.89	10.64	lnc-ZNF296 LNCipedia	lnc-ZNF296: NONHSAT0f	chr19	44907907	44909013 -
TC1900002628.oe.1	-2.24	-1.16	2.24	down	3.52	4.68	NONHSAGO LNCipedia	lnc-ZNF841: NONHSAT0f	chr19	52058490	52063703 -
TC19000167.hg.4	-2.95	-1.56	2.95	down	3.54	5.10	C3P1 complement	---	chr19	10041356	10074137 +
TC19001172.hg.4	2.15	1.10	2.15	up	6.84	5.73	ILF3-AS1 ILF3 antisens	---	chr19	10651862	10653872 -
TC19001374.hg.4	-2.14	-1.10	2.14	down	8.33	9.43	HAVCR1P1 hepatitis A v	---	chr19	24162193	24163447 -
TC2000000172.oe.1	2.30	1.20	2.30	up	4.46	3.26	lnc-ZNF133 LNCipedia	lnc-ZNF133: ---	chr20	18326151	18329543 +
TC2000000188.oe.1	-2.49	-1.32	2.49	down	4.40	5.72	lnc-NAA20- LNCipedia	lnc-NAA20- NONHSAT0f	chr20	19889410	19935550 +
TC2000000205.oe.1	2.30	1.20	2.30	up	6.33	5.13	RP11-227D2 N/A//NONC	lnc-XRN2-1: NONHSAT0f	chr20	21397818	21400391 +
TC2000000263.oe.1	-2.01	-1.01	2.01	down	3.60	4.61	lnc-GINS1-3 LNCipedia	lnc-GINS1-3 NONHSAT0f	chr20	25443024	25452628 +
TC2000000268.oe.1	2.07	1.05	2.07	up	6.49	5.44	lnc-GINS1-6 LNCipedia	lnc-GINS1-6 ---	chr20	25699218	25700761 +
TC2000000316.oe.1	2.09	1.06	2.09	up	8.25	7.18	lnc-DNMT3f LNCipedia	lnc-DNMT3f NONHSAT0f	chr20	32809039	32809357 +
TC2000000633.oe.1	-3.34	-1.74	3.34	down	5.57	7.31	lnc-RAB22A LNCipedia	lnc-RAB22A NONHSAT0f	chr20	58447405	58451094 +
TC2000001022.oe.1	2.18	1.12	2.18	up	7.24	6.12	lnc-ZNF337 NONCODE	lnc-ZNF337: NONHSAT0f	chr20	25835985	25836832 -
TC2000001109.oe.1	2.66	1.41	2.66	up	9.03	7.62	lnc-FAM83C LNCipedia	lnc-FAM83C NONHSAT0f	chr20	35345716	35347189 -
TC2000001173.oe.1	-2.03	-1.02	2.03	down	3.20	4.22	lnc-MAFB-7 LNCipedia	lnc-MAFB-7 NONHSAT0f	chr20	39932922	39933239 -
TC2000001331.oe.1	2.32	1.22	2.32	up	8.61	7.39	lnc-BCAS1-4 LNCipedia	lnc-BCAS1-4 NONHSAT0f	chr20	54162580	54164548 -
TC20000747.hg.4	-2.06	-1.04	2.06	down	4.02	5.06	MLLT10P1 myeloid/lym	---	chr20	30402908	30403462 -
TC2100000015.oe.1	3.84	1.94	3.84	up	10.40	8.46	CH507-513f N/A	---	chr21	8197620	8227646 +
TC2100000016.oe.1	2.05	1.04	2.05	up	9.43	8.39	CH507-528f N/A	---	chr21	8383777	8410645 +
TC2100000032.oe.1	2.87	1.52	2.87	up	4.66	3.13	lnc-POTED- LNCipedia	lnc-POTED- NONHSAT1f	chr21	13065573	13066975 +
TC2100000153.oe.1	-2.15	-1.10	2.15	down	2.58	3.69	lnc-GABPA- LNCipedia	lnc-GABPA- ---	chr21	26935234	26945104 +
TC2100000303.oe.1	-2.07	-1.05	2.07	down	5.62	6.67	lnc-DSCR8-: NONCODE	lnc-DSCR8-: NONHSAT0f	chr21	38121451	38188016 +
TC2100000383.oe.1	2.14	1.10	2.14	up	4.21	3.11	lnc-CRYAA- NONCODE	lnc-CRYAA- NONHSAT0f	chr21	43111995	43112200 +
TC2100000465.oe.1	2.46	1.30	2.46	up	9.12	7.82	lnc-PCBP3-5 LNCipedia	lnc-PCBP3-5 NONHSAT0f	chr21	45483805	45484746 +
TC2100000490.oe.1	2.38	1.25	2.38	up	6.38	5.13	lnc-PCNT-2 NONCODE	lnc-PCNT-2: NONHSAT0f	chr21	46292765	46294797 +
TC2100000566.oe.1	2.27	1.18	2.27	up	4.95	3.77	lnc-AF16513 LNCipedia	lnc-AF16513: NONHSAT0f	chr21	14979232	14990989 -
TC2100000588.oe.1	2.19	1.13	2.19	up	4.52	3.39	lnc-BTG3-6 LNCipedia	lnc-BTG3-6: NONHSAT0f	chr21	17500477	17512529 -
TC2100000815.oe.1	2.23	1.16	2.23	up	4.17	3.01	lnc-KCNJ6-2 LNCipedia	lnc-KCNJ6-2 ---	chr21	37928141	37932822 -
TC21000116.hg.4	3.42	1.77	3.42	up	5.76	3.98	C21orf119 chromosome	---	chr21	32393130	32393960 +
TC2200000359.oe.1	2.49	1.31	2.49	up	13.97	12.66	lnc-AC0050f LNCipedia	lnc-AC0050f NONHSAT0f	chr22	31399633	31411060 +
TC2200000420.oe.1	2.81	1.49	2.81	up	7.15	5.65	lnc-MCM5-2 LNCipedia	lnc-MCM5-2: NONHSAT0f	chr22	35381143	35386850 +
TC2200000424.oe.1	2.29	1.19	2.29	up	5.87	4.68	lnc-APOL6-: LNCipedia	lnc-APOL6-: NONHSAT0f	chr22	35666257	35668386 +
TC2200000580.oe.1	3.01	1.59	3.01	up	8.94	7.35	lnc-SERHL2 NONCODE	lnc-SERHL2: NONHSAT0f	chr22	42614914	42616588 +
TC2200000645.oe.1	-2.46	-1.30	2.46	down	7.20	8.50	lnc-PPARA- LNCipedia	lnc-PPARA- NONHSAT0f	chr22	46242515	46243756 +

TC2200000772.oe.1	-3.28	-1.71	3.28	down	4.17	5.88	lnc-AC0081(LNCipedia lnc-AC0081(---	chr22	18729353	18733601	-
TC2200000958.oe.1	2.09	1.06	2.09	up	5.61	4.54	lnc-TTC28-1LNCipedia lnc-TTC28-1NONHSAT0{	chr22	28687749	28689410	-